

Trigonometria - Archi particolari

| radianti | gradi | sen | cos | tg | cotg | sec | cosec |
|-------------------|--------|---------------------------------|---------------------------------|----------------------------------|----------------------------------|---------------------------------|---------------------------------|
| 0 | 0° | 0 | 1 | 0 | Non esiste | 1 | Non esiste |
| $\frac{\pi}{12}$ | 15° | $\frac{\sqrt{6}-\sqrt{2}}{4}$ | $\frac{\sqrt{6}+\sqrt{2}}{4}$ | $2-\sqrt{3}$ | $2+\sqrt{3}$ | $\sqrt{6}-\sqrt{2}$ | $\sqrt{6}+\sqrt{2}$ |
| $\frac{\pi}{10}$ | 18° | $\frac{\sqrt{5}-1}{4}$ | $\frac{\sqrt{10+2\sqrt{5}}}{4}$ | $\frac{\sqrt{25-10\sqrt{5}}}{5}$ | $\sqrt{5+2\sqrt{5}}$ | $\sqrt{\frac{10-2\sqrt{5}}{5}}$ | $\sqrt{5}+1$ |
| $\frac{\pi}{8}$ | 22°30' | $\frac{\sqrt{2}-\sqrt{2}}{2}$ | $\frac{\sqrt{2}+\sqrt{2}}{2}$ | $\sqrt{2}-1$ | $\sqrt{2}+1$ | $\sqrt{4-2\sqrt{2}}$ | $\sqrt{4+2\sqrt{2}}$ |
| $\frac{\pi}{6}$ | 30° | $\frac{1}{2}$ | $\frac{\sqrt{3}}{2}$ | $\frac{\sqrt{3}}{3}$ | $\sqrt{3}$ | $\frac{2}{3}\sqrt{3}$ | 2 |
| $\frac{\pi}{5}$ | 36° | $\frac{\sqrt{10-2\sqrt{5}}}{4}$ | $\frac{\sqrt{5}+1}{4}$ | $\sqrt{5-2\sqrt{5}}$ | $\sqrt{\frac{5+2\sqrt{5}}{5}}$ | $\sqrt{5}-1$ | $\sqrt{\frac{10+2\sqrt{5}}{5}}$ |
| $\frac{\pi}{4}$ | 45° | $\frac{\sqrt{2}}{2}$ | $\frac{\sqrt{2}}{2}$ | 1 | 1 | $\sqrt{2}$ | $\sqrt{2}$ |
| $\frac{3}{10}\pi$ | 54° | $\frac{\sqrt{5}+1}{4}$ | $\frac{\sqrt{10-2\sqrt{5}}}{4}$ | $\sqrt{\frac{5+2\sqrt{5}}{5}}$ | $\sqrt{5-2\sqrt{5}}$ | $\sqrt{\frac{10+2\sqrt{5}}{5}}$ | $\sqrt{5}-1$ |
| $\frac{\pi}{3}$ | 60° | $\frac{\sqrt{3}}{2}$ | $\frac{1}{2}$ | $\sqrt{3}$ | $\frac{\sqrt{3}}{3}$ | 2 | $\frac{2}{3}\sqrt{3}$ |
| $\frac{3}{8}\pi$ | 67°30' | $\frac{\sqrt{2}+\sqrt{2}}{2}$ | $\frac{\sqrt{2}-\sqrt{2}}{2}$ | $\sqrt{2}+1$ | $\sqrt{2}-1$ | $\sqrt{4+2\sqrt{2}}$ | $\sqrt{4-2\sqrt{2}}$ |
| $\frac{2}{5}\pi$ | 72° | $\frac{\sqrt{10+2\sqrt{5}}}{4}$ | $\frac{\sqrt{5}-1}{4}$ | $\sqrt{5+2\sqrt{5}}$ | $\frac{\sqrt{25-10\sqrt{5}}}{5}$ | $\sqrt{5}+1$ | $\sqrt{\frac{10-2\sqrt{5}}{5}}$ |
| $\frac{5}{12}\pi$ | 75° | $\frac{\sqrt{6}+\sqrt{2}}{4}$ | $\frac{\sqrt{6}-\sqrt{2}}{4}$ | $2+\sqrt{3}$ | $2-\sqrt{3}$ | $\sqrt{6}+\sqrt{2}$ | $\sqrt{6}-\sqrt{2}$ |
| $\frac{\pi}{2}$ | 90° | 1 | 0 | Non esiste | 0 | Non esiste | 1 |
| π | 180° | 0 | -1 | 0 | Non esiste | -1 | Non esiste |