

Converting Colors

CIELCh(46, 25.903, 201.247)

Have a look what the booklet for
CIELCh(46, 25.903, 201.247)
contains.

CIELCh(46, 25.804, 202.086)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(46, 25.804, 202.086)

Conversions

Conversions Part 1

Format	Color
Hex	1E787C
RGB	30, 120, 124
RGB Percent	12%, 47%, 49%
CMY	0.8838, 0.5278, 0.5121
CMYK	0.76, 0.03, 0.00, 0.51
HSL	183°, 62%, 30%
HSV	183°, 76%, 49%
XYZ	10.9552, 15.2687, 21.5751
YIQ	93.5460, -54.9240, -17.8360

Conversions

Conversions Part 2

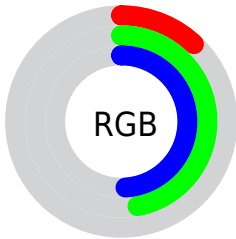
Format	Color
RYB	30, 76, 124
Decimal	1996924
CIELab	46.00, -23.91, -9.70
CIELCh	46, 25.804, 202.086
Yxy	15.2687, 0.2292, 0.3194
Android (android.graphics.Color)	4280187004 (0xFF1E787C)
YUV	93.5460, 15.0138, -55.7298
Hunter-Lab	39.0751, -18.3368, -5.3840

Details

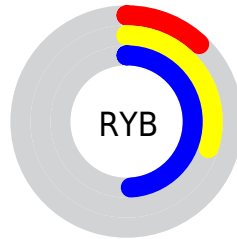
The CIELCh color **46, 25.804, 202.086** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **28, 46.318, 33.193**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **66, 25.846, 201.048**, and **27, 19.396, 204.388** is the 20% darker color. If you saturate the color by 10%, you get **46, 26.974, 202.419**, and if you desaturate by 10%, it is **46, 24.049, 201.886**.

Distribution



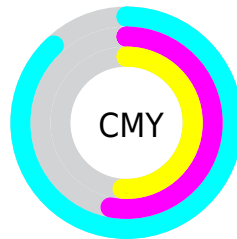
- Red (12%)
- Green (47%)
- Blue (49%)



- Red (12%)
- Yellow (30%)
- Blue (49%)



- Cyan (76%)
- Magenta (3%)
- Yellow (0%)
- Black (51%)




- Cyan (88%)
- Magenta (53%)
- Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 46, 25.804, 202.086 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 46, 25.804, 202.086 by changing the saturation by 10% instead.

 46, 25.804,
202.086


 46, 25.804,
202.086


 100, 25.804,
202.086


 36, 25.804,
202.086

 66, 25.804,
202.086


 26, 25.804,
202.086

 76, 25.804,
202.086

 16, 25.804,
202.086

 86, 25.804,
202.086

 6, 25.804, 202.086

 96, 25.804,
202.086

 0, 25.804, 202.086

 46, 25.804,

 46, 25.804,

202.086

■ 46, 26.974,
202.419

■ 45, 27.643,
202.879

■ 45, 27.869,
203.059

202.086

■ 46, 24.049,
201.886

■ 47, 21.711,
201.813

■ 48, 18.819,
201.852

■ 48, 15.424,
201.992

■ 49, 11.592,
202.221

■ 50, 7.392, 202.532

■ 51, 2.895, 202.966

■ 53, 1.832, 23.016

■ 54, 6.732, 23.608

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



46, 25.804, 202.086



28, 46.318, 33.193

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



46, 25.804, 202.086



46, 25.804, 252.086



46, 25.804, 22.086



46, 25.804, 72.086

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



46, 25.804, 202.085



63, 12.667, 202.295



45, 60.685, 138.467



33, 8.745, 202.210



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



46, 25.804, 202.085



58, 33.076, 202.734



31, 33.244, 276.195



25, 2.588, 202.817



45, 27.955, 203.062



87, 46.931, 203.445

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



31, 58.779, 329.270



38, 77.450, 329.755



38, 38.590, 69.080



24, 4.791, 326.047



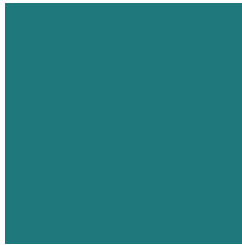
29, 65.988, 329.923



59, 110.890, 330.018

Previews

White Background



This preview shows how the CIELCh color 46, 25.804, 202.086 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 46, 25.804, 202.086 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

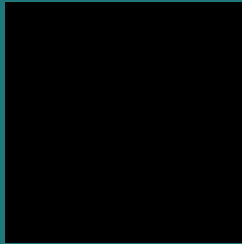
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 46, 25.804, 202.086

Background



This preview shows how black text looks on a background with the CIELCh color 46, 25.804, 202.086.



This preview shows how white text looks on a background with the CIELCh color 46, 25.804, 202.086.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

46, 25.674, 202.126

Protanopia

46, 4.761, 290.845

Deuteranopia

46, 13.224, 298.577



Tritanopia
46, 24.986, 209.428

Trichromacy



Original Color
46, 25.674, 202.126

Protanomaly
45, 12.446, 214.960

Deuteranomaly
45, 13.970, 241.922

Tritanomaly
46, 25.192, 206.474

Monochromacy



Original Color
46, 25.674, 202.126

Achromatopsia
40, 0.006, 296.813

Achromatomaly
42, 12.379, 200.779

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 46, 25.804, 202.086 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(30, 120, 124)` looks like.

```
.text, #text, p{  
    color:rgb(30, 120, 124)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(30, 120, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 120, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 46, 25.804, 202.086 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(30, 120, 124) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(30, 120, 124) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(30, 120, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 120, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 120, 124);  
box-shadow:4px 4px 4px 4px rgb(30, 120,  
124) }
```

Background

The CSS property to change the background color of an element to CIELCh 46, 25.804, 202.086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 120, 124) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(30, 120,  
124) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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