

Converting Colors

CIE LCh(58, 24.921, 215.531)

Have a look what the booklet for
CIELCh(58, 24.921, 215.531)
contains.

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Color

CIELCh(58, 24.851, 216.302)

Conversions

Conversions Part 1

Format	Color
Hex	4796A4
RGB	71, 150, 164
RGB Percent	28%, 59%, 64%
CMY	0.7202, 0.4105, 0.3556
CMYK	0.57, 0.09, 0.00, 0.36
HSL	189°, 39%, 46%
HSV	189°, 57%, 64%
XYZ	20.3129, 25.9610, 39.2171
YIQ	127.9750, -51.5780, -12.3940

Conversions

Conversions Part 2

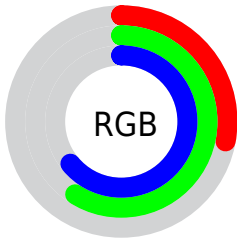
Format	Color
RYB	71, 114, 164
Decimal	4691620
CIELab	58.00, -20.03, -14.71
CIELCh	58, 24.851, 216.302
Yxy	25.9610, 0.2376, 0.3037
Android (android.graphics.Color)	4282881700 (0xFF4796A4)
YUV	127.9750, 17.7603, -49.9671
Hunter-Lab	50.9519, -18.0037, -9.9685

Details

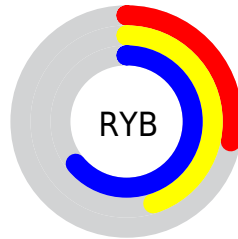
The CIELCh color **58, 24.851, 216.302** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **46, 38.590, 36.297**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **78, 24.894, 216.821**, and **38, 24.147, 216.424** is the 20% darker color. If you saturate the color by 10%, you get **57, 27.436, 217.510**, and if you desaturate by 10%, it is **59, 21.611, 215.408**.

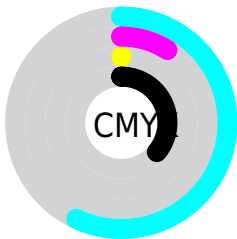
Distribution



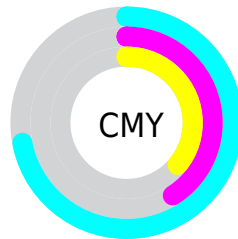
- Red (28%)
- Green (59%)
- Blue (64%)



- Red (28%)
- Yellow (45%)
- Blue (64%)



- Cyan (57%)
- Magenta (9%)
- Yellow (0%)
- Black (36%)




- Cyan (72%)
- Magenta (41%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 24.851, 216.302 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 58, 24.851, 216.302 by changing the saturation by 10% instead.


 58, 24.851,
216.302


 58, 24.851,
216.302


 100, 24.851,
216.302


 48, 24.851,
216.302


 78, 24.851,
216.302

 38, 24.851,
216.302

 88, 24.851,
216.302

 28, 24.851,
216.302

 98, 24.851,
216.302

 18, 24.851,
216.302

 8, 24.851, 216.302

 0, 24.851, 216.302

■ 58, 24.851,
216.302

■ 58, 24.851,
216.302

■ 57, 27.436,
217.510

■ 59, 21.611,
215.408

■ 56, 29.335,
219.098

■ 61, 17.778,
214.776

■ 55, 30.558,
221.125

■ 63, 13.431,
214.358

■ 54, 31.197,
223.620

■ 64, 8.653, 214.119

■ 53, 31.376,
224.510

■ 66, 3.526, 214.073

■ 68, 1.875, 33.661

■ 70, 7.486, 33.910

■ 72, 13.249, 34.058

■ 75, 19.121, 34.234

Harmonies

Complementary

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



58, 24.851, 216.302



46, 38.590, 36.297

Rectangle

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



58, 24.851, 216.302



58, 24.851, 266.302



58, 24.851, 36.302



58, 24.851, 86.302

Sweetspot

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



58, 24.851, 216.300



82, 10.988, 214.131



61, 55.408, 143.769



43, 7.295, 214.165



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



58, 24.851, 216.300



72, 34.124, 217.898



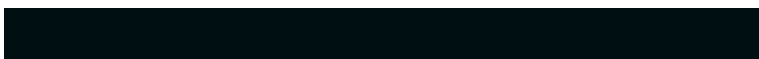
44, 36.788, 280.556



34, 2.996, 214.057



47, 28.684, 224.183



4, 4.655, 218.408

Inverse Universe

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



45, 54.852, 332.323



54, 77.927, 333.127



57, 37.309, 82.283



32, 5.648, 329.378



33, 67.724, 335.142



1, 8.495, 330.200

Previews

White Background



This preview shows how the CIELCh color 58, 24.851, 216.302 looks on a white 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

Black Background



This preview shows how the CIELCh color 58, 24.851, 216.302 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

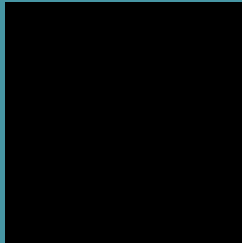
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 24.851, 216.302

Background



This preview shows how black text looks on a background with the CIELCh color 58, 24.851, 216.302.



This preview shows how white text looks on a background with the CIELCh color 58, 24.851, 216.302.

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

58, 24.851, 216.302

Protanopia

58, 10.259, 287.236

Deuteranopia

58, 18.264, 294.502



Tritanopia
58, 24.965, 213.379

Trichromacy



Original Color
58, 24.851, 216.302

Protanomaly
57, 13.984, 242.812

Deuteranomaly
57, 17.121, 259.318

Tritanomaly
58, 24.965, 213.379

Monochromacy



Original Color
58, 24.851, 216.302

Achromatopsia
54, 0.007, 296.813

Achromatomaly
55, 10.884, 213.846

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 24.851, 216.302 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(71, 150, 164)` looks like.

```
.text, #text, p{  
    color:rgb(71, 150, 164)  
}
```

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(71, 150, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 150, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 24.851, 216.302 is called "border". The border property can be set on classes, ids or directly on the HTML element.

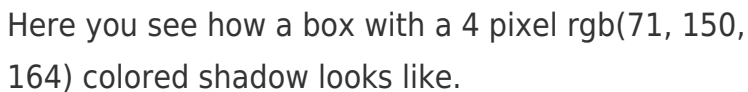
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(71, 150, 164) }
```

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

```
.border{ border-color:rgb(71, 150, 164) }
```

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



Here you see how a box with a 4 pixel `rgb(71, 150, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(71, 150, 164); -webkit-box-shadow:4px 4px 4px 4px rgb(71, 150, 164); box-shadow:4px 4px 4px 4px rgb(71, 150, 164) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 24.851, 216.302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 150, 164) }
```

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

```
.background{ background-color: rgb(71, 150,  
164) }
```

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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