

Converting Colors

CIELCh(58, 25.536, 225.284)

Have a look what the booklet for
CIELCh(58, 25.536, 225.284)
contains.

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Color

CIELCh(58, 25.485, 224.330)

Conversions

Conversions Part 1

Format	Color
Hex	4796AA
RGB	71, 150, 170
RGB Percent	28%, 59%, 67%
CMY	0.7226, 0.4127, 0.3343
CMYK	0.58, 0.12, 0.00, 0.33
HSL	192°, 41%, 47%
HSV	192°, 58%, 67%
XYZ	20.6815, 25.9610, 41.8328
YIQ	128.6590, -53.5040, -10.5280

Conversions

Conversions Part 2

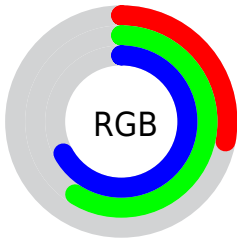
Format	Color
R_{YB}	71, 115, 170
Decimal	4691626
CIE _{Lab}	58.00, -18.23, -17.81
CIE _{LCh}	58, 25.485, 224.330
Yxy	25.9610, 0.2338, 0.2934
Android (android.graphics.Color)	4282881706 (0xFF4796AA)
YUV	128.6590, 20.3811, -50.5669
Hunter-Lab	50.9519, -16.7123, -13.0123

Details

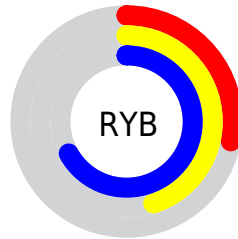
The CIELCh color **58, 25.485, 224.330** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **48, 39.859, 40.470**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **78, 25.397, 224.449**, and **38, 24.647, 225.706** is the 20% darker color. If you saturate the color by 10%, you get **56, 28.074, 226.210**, and if you desaturate by 10%, it is **60, 22.271, 222.878**.

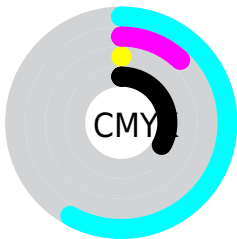
Distribution



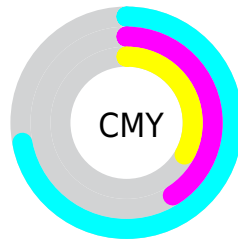
- Red (28%)
- Green (59%)
- Blue (67%)



- Red (28%)
- Yellow (45%)
- Blue (67%)



- Cyan (58%)
- Magenta (12%)
- Yellow (0%)
- Black (33%)





- Cyan (72%)
- Magenta (41%)
- Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 25.485, 224.330 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, 25.485, 224.330 by changing the saturation by 10% instead.


 58, 25.485,
224.330


 58, 25.485,
224.330


 100, 25.485,
224.330


 48, 25.485,
224.330


 78, 25.485,
224.330

 38, 25.485,
224.330

 88, 25.485,
224.330

 28, 25.485,
224.330

 98, 25.485,
224.330

 18, 25.485,
224.330

 8, 25.485, 224.330

 0, 25.485, 224.330

■ 58, 25.485,
224.330

■ 58, 25.485,
224.330

■ 56, 28.074,
226.210

■ 60, 22.271,
222.878

■ 55, 30.024,
228.603

■ 62, 18.484,
221.781

■ 54, 31.369,
231.582

■ 63, 14.195,
220.972

■ 52, 32.257,
235.116

■ 66, 9.483, 220.397

■ 68, 4.426, 220.042

■ 52, 32.403,
235.712

■ 70, 0.906, 39.130

■ 72, 6.448, 39.421

■ 75, 12.148, 39.375

■ 77, 17.961, 39.371

Harmonies

Complementary

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



58, 25.485, 224.330



48, 39.859, 40.470

Rectangle

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



58, 25.485, 224.330



58, 25.485, 274.330



58, 25.485, 44.330



58, 25.485, 94.330

Sweetspot

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



58, 25.484, 224.329



84, 10.968, 220.351



62, 56.382, 145.068



44, 7.353, 220.441



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



58, 25.484, 224.329



72, 35.060, 226.859



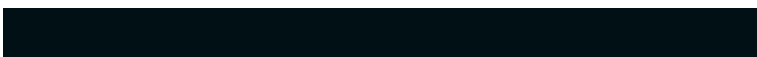
43, 41.896, 284.681



35, 2.979, 220.064



46, 29.249, 235.224



4, 5.427, 227.075

Inverse Universe

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



46, 55.789, 334.493



55, 78.881, 335.496



60, 40.759, 86.136



33, 5.588, 331.134



33, 66.007, 338.061



2, 9.695, 332.849

Previews

White Background



This preview shows how the CIE LCh color 58, 25.485, 224.330 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, 25.485, 224.330 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, 25.485, 224.330

Background



This preview shows how black text looks on a background with the CIELCh color 58, 25.485, 224.330.

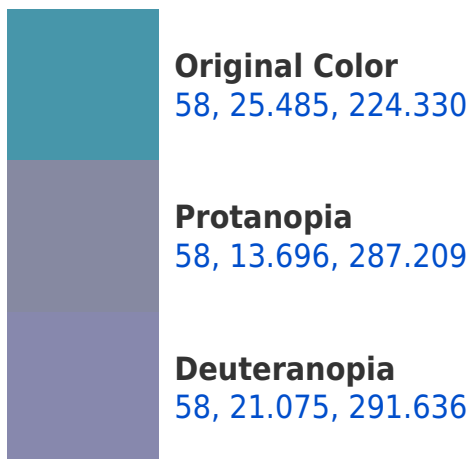


This preview shows how white text looks on a background with the CIELCh color 58, 25.485, 224.330.

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





Tritanopia
58, 25.564, 212.947

Trichromacy



Original Color
58, 25.485, 224.330

Protanomaly
57, 16.083, 250.317

Deuteranomaly
58, 19.764, 262.867

Tritanomaly
58, 25.462, 215.769

Monochromacy



Original Color
58, 25.485, 224.330

Achromatopsia
54, 0.007, 296.813

Achromatomaly
55, 11.137, 219.783

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 25.485, 224.330 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, 170)` looks like.

```
.text, #text, p{  
    color:rgb(71, 150, 170)  
}
```

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, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 150, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 25.485, 224.330 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, 170) }
```

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

```
.border{ border-color:rgb(71, 150, 170) }
```

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, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 150, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 150, 170);  
box-shadow:4px 4px 4px 4px rgb(71, 150,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 25.485, 224.330 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, 170) }
```

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

```
.background{ background-color: rgb(71, 150,  
170) }
```

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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