

Converting Colors

CIE LCh(58, 21.954, 217.500)

Have a look what the booklet for
CIELCh(58, 21.954, 217.500)
contains.

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Color

CIELCh(58, 21.947, 217.526)

Conversions

Conversions Part 1

Format	Color
Hex	5395A2
RGB	83, 149, 162
RGB Percent	33%, 58%, 64%
CMY	0.6743, 0.4155, 0.3645
CMYK	0.49, 0.08, 0.00, 0.36
HSL	190°, 32%, 48%
HSV	190°, 49%, 64%
XYZ	20.8521, 25.9610, 38.1160
YIQ	130.7480, -43.5090, -9.9490

Conversions

Conversions Part 2

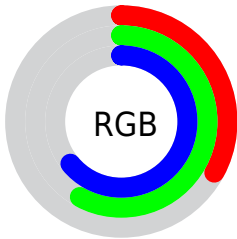
Format	Color
R _Y B	83, 119, 162
Decimal	5477794
CIE Lab	58.00, -17.41, -13.37
CIE LCh	58, 21.947, 217.526
Yxy	25.9610, 0.2455, 0.3057
Android (android.graphics.Color)	4283667874 (0xFF5395A2)
YUV	130.7480, 15.4072, -41.8750
Hunter-Lab	50.9519, -16.1148, -8.6872

Details

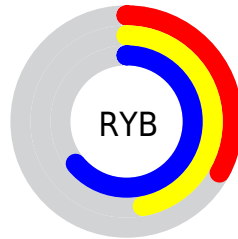
The CIELCh color **58, 21.947, 217.526** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **48, 31.633, 36.696**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **78, 22.056, 218.045**, and **38, 21.899, 217.004** is the 20% darker color. If you saturate the color by 10%, you get **57, 25.011, 218.613**, and if you desaturate by 10%, it is **60, 18.295, 216.729**.

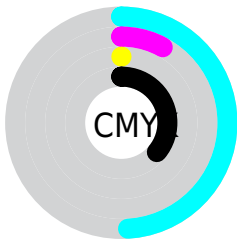
Distribution



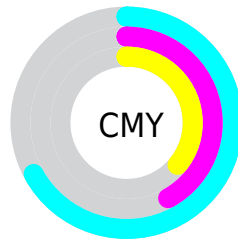
- Red (33%)
- Green (58%)
- Blue (64%)



- Red (33%)
- Yellow (47%)
- Blue (64%)



- Cyan (49%)
- Magenta (8%)
- Yellow (0%)
- Black (36%)





- Cyan (67%)
- Magenta (42%)
- Yellow (36%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 21.947, 217.526 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, 21.947, 217.526 by changing the saturation by 10% instead.

 58, 21.947,
217.526


 58, 21.947,
217.526


 100, 21.947,
217.526


 48, 21.947,
217.526


 78, 21.947,
217.526

 38, 21.947,
217.526

 88, 21.947,
217.526

 28, 21.947,
217.526

 98, 21.947,
217.526

 18, 21.947,
217.526

 8, 21.947, 217.526

 0, 21.947, 217.526

■ 58, 21.947,
217.526

■ 58, 21.947,
217.526

■ 57, 25.011,
218.613

■ 60, 18.295,
216.729

■ 55, 27.432,
220.060

■ 61, 14.128,
216.174

■ 54, 29.190,
221.931

■ 63, 9.526, 215.817

■ 53, 30.308,
224.293

■ 65, 4.570, 215.648

■ 67, 0.668, 34.734

■ 52, 30.941,
227.111

■ 69, 6.121, 35.349

■ 52, 31.016,
227.467

■ 71, 11.735, 35.442

■ 73, 17.463, 35.564

■ 76, 23.268, 35.720

Harmonies

Complementary

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



58, 21.947, 217.526



48, 31.633, 36.696

Rectangle

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



58, 21.947, 217.526



58, 21.947, 267.526



58, 21.947, 37.526



58, 21.947, 87.526

Sweetspot

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



58, 21.947, 217.524



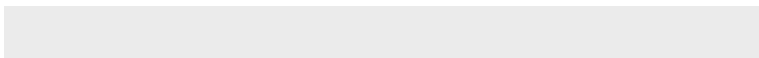
81, 9.570, 215.735



60, 47.817, 144.737



43, 6.543, 215.780



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, 21.947, 217.524



72, 30.623, 218.658



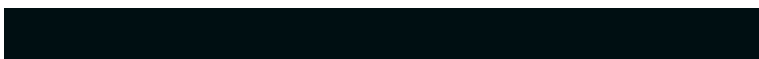
47, 31.144, 278.452



34, 2.968, 215.650



47, 28.641, 227.146



3, 4.614, 220.315

Inverse Universe

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



47, 47.188, 332.342



57, 67.936, 333.020



58, 31.662, 83.405



32, 5.593, 329.841



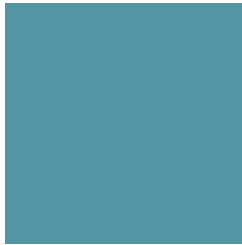
33, 67.017, 335.900



1, 8.395, 330.774

Previews

White Background



This preview shows how the CIELCh color 58, 21.947, 217.526 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, 21.947, 217.526 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

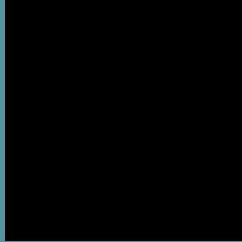
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 21.947, 217.526

Background



This preview shows how black text looks on a background with the CIELCh color 58, 21.947, 217.526.

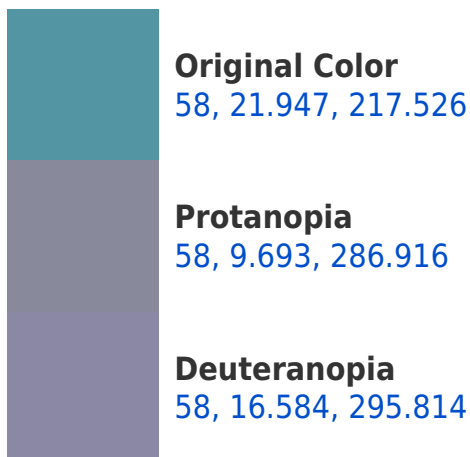


This preview shows how white text looks on a background with the CIELCh color 58, 21.947, 217.526.

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](#).

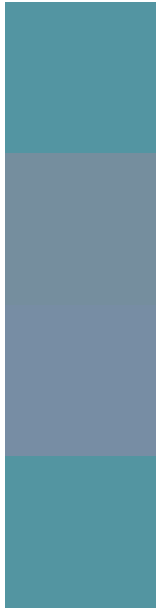
Dichromacy





Tritanopia
58, 21.863, 215.995

Trichromacy



Original Color
58, 21.947, 217.526

Protanomaly
58, 12.474, 245.996

Deuteranomaly
58, 14.929, 260.756

Tritanomaly
58, 21.863, 215.995

Monochromacy



Original Color
58, 21.947, 217.526

Achromatopsia
55, 0.007, 296.813

Achromatomaly
56, 9.106, 213.257

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 21.947, 217.526 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(83, 149, 162)` looks like.

```
.text, #text, p{  
    color:rgb(83, 149, 162)  
}
```

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(83, 149, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 149, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 21.947, 217.526 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(83, 149, 162) }
```

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

```
.border{ border-color:rgb(83, 149, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 149, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 149, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 149, 162);  
box-shadow:4px 4px 4px 4px rgb(83, 149,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 21.947, 217.526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 149, 162) }
```

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

```
.background{ background-color: rgb(83, 149,  
162) }
```

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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