

Converting Colors

CIELCh(58, 20.607, 188.199)

Have a look what the booklet for
CIELCh(58, 20.607, 188.199)
contains.

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Color

CIELCh(58, 20.596, 187.901)

Conversions

Conversions Part 1

Format	Color
Hex	5C9690
RGB	92, 150, 144
RGB Percent	36%, 59%, 56%
CMY	0.6406, 0.4131, 0.4367
CMYK	0.39, 0.00, 0.04, 0.41
HSL	174°, 24%, 47%
HSV	174°, 39%, 59%
XYZ	20.2370, 25.9610, 30.1909
YIQ	131.9740, -32.6420, -14.1620

Conversions

Conversions Part 2

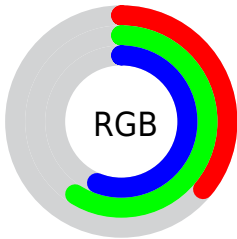
Format	Color
R_{YB}	92, 123, 150
Decimal	6067856
CIE _{Lab}	58.00, -20.40, -2.83
CIE _{LCh}	58, 20.596, 187.901
Yxy	25.9610, 0.2649, 0.3399
Android (android.graphics.Color)	4284257936 (0xFF5C9690)
YUV	131.9740, 5.9288, -35.0572
Hunter-Lab	50.9519, -18.2697, 0.5348

Details

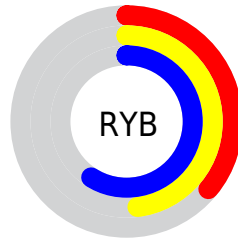
The CIELCh color **58, 20.596, 187.901** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **46, 25.450, 15.170**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **78, 20.381, 188.781**, and **38, 20.607, 188.199** is the 20% darker color. If you saturate the color by 10%, you get **57, 24.897, 187.077**, and if you desaturate by 10%, it is **59, 15.792, 188.698**.

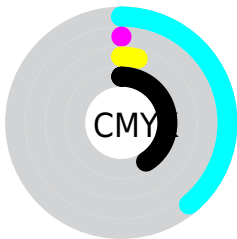
Distribution



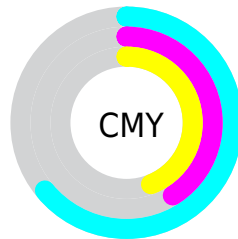
- Red (36%)
- Green (59%)
- Blue (56%)



- Red (36%)
- Yellow (48%)
- Blue (59%)



- Cyan (39%)
- Magenta (0%)
- Yellow (4%)
- Black (41%)





- Cyan (64%)
- Magenta (41%)
- Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 20.596, 187.901 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, 20.596, 187.901 by changing the saturation by 10% instead.


 58, 20.596,
187.901


 58, 20.596,
187.901


 100, 20.596,
187.901


 48, 20.596,
187.901


 78, 20.596,
187.901

 38, 20.596,
187.901

 88, 20.596,
187.901

 28, 20.596,
187.901

 98, 20.596,
187.901

 18, 20.596,
187.901

 8, 20.596, 187.901

 0, 20.596, 187.901

■ 58, 20.596,
187.901

■ 58, 20.596,
187.901

■ 57, 24.897,
187.077

■ 59, 15.792,
188.698

■ 57, 28.610,
186.222

■ 60, 10.576,
189.488

■ 56, 31.672,
185.320

■ 61, 5.039, 190.297

■ 56, 34.050,
184.354

■ 62, 0.732, 10.375

■ 63, 6.662, 11.644

■ 56, 35.752,
183.307

■ 65, 12.687, 12.409

■ 56, 36.922,
182.189

■ 66, 18.754, 13.144

■ 68, 24.822, 13.862

■ 56, 37.062,
182.053

■ 70, 30.861, 14.566

Harmonies

Complementary

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



58, 20.596, 187.901



46, 25.450, 15.170

Rectangle

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



58, 20.596, 187.901



58, 20.596, 237.901



58, 20.596, 7.901



58, 20.596, 57.901

Sweetspot

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



58, 20.596, 187.899



77, 8.474, 190.008



57, 38.510, 138.894



40, 5.592, 189.916



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



58, 20.596, 187.899



73, 29.738, 187.145



52, 17.297, 247.353



31, 3.218, 190.259



51, 34.851, 182.148



2, 2.865, 190.886

Inverse Universe

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



46, 25.450, 15.170



54, 38.892, 16.843



51, 20.868, 58.349



29, 3.369, 11.546



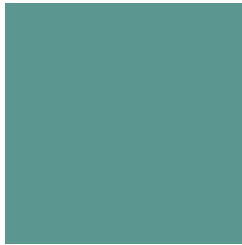
28, 61.763, 34.497



1, 2.866, 10.870

Previews

White Background



This preview shows how the CIELCh color 58, 20.596, 187.901 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, 20.596, 187.901 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

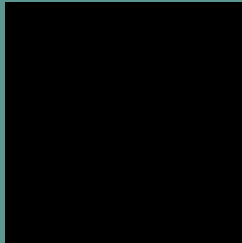
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 20.596, 187.901

Background



This preview shows how black text looks on a background with the CIELCh color 58, 20.596, 187.901.



This preview shows how white text looks on a background with the CIELCh color 58, 20.596, 187.901.

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, 20.596, 187.901

Protanopia
58, 1.669, 39.155

Deuteranopia
58, 8.758, 329.128



Tritanopia
58, 18.115, 220.302

Trichromacy



Original Color
58, 20.596, 187.901

Protanomaly
58, 7.103, 184.819

Deuteranomaly
57, 5.594, 236.862

Tritanomaly
58, 18.460, 206.714

Monochromacy



Original Color
58, 20.596, 187.901

Achromatopsia
55, 0.007, 296.813

Achromatomaly
56, 8.077, 190.463

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 20.596, 187.901 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(92, 150, 144)` looks like.

```
.text, #text, p{  
    color:rgb(92, 150, 144)  
}
```

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(92, 150, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 150, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 20.596, 187.901 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(92, 150, 144) }
```

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

```
.border{ border-color:rgb(92, 150, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 150, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 150, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 150, 144);  
box-shadow:4px 4px 4px 4px rgb(92, 150,  
144) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 20.596, 187.901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 150, 144) }
```

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

```
.background{ background-color: rgb(92, 150,  
144) }
```

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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