

Converting Colors

CIELCh(58, 22.573, 160.255)

Have a look what the booklet for
CIELCh(58, 22.573, 160.255)
contains.

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Color

CIELCh(58, 22.597, 160.235)

Conversions

Conversions Part 1

Format	Color
Hex	66957D
RGB	102, 149, 125
RGB Percent	40%, 58%, 49%
CMY	0.5985, 0.4141, 0.5083
CMYK	0.31, 0.00, 0.16, 0.41
HSL	149°, 19%, 49%
HSV	149°, 31%, 59%
XYZ	20.0615, 25.9610, 23.4862
YIQ	132.2110, -20.3080, -17.4280

Conversions

Conversions Part 2

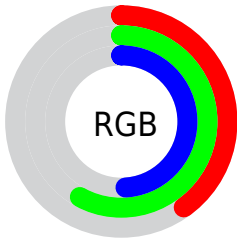
Format	Color
R_{YB}	102, 134, 149
Decimal	6722941
CIE _{Lab}	58.00, -21.27, 7.64
CIE _{LCh}	58, 22.597, 160.235
Yxy	25.9610, 0.2886, 0.3735
Android (android.graphics.Color)	4284913021 (0xFF66957D)
YUV	132.2110, -3.5550, -26.4950
Hunter-Lab	50.9519, -18.8843, 8.3367

Details

The CIELCh color $58, 22.597, 160.235$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $49, 23.418, 345.904$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $78, 22.339, 160.967$, and $38, 22.586, 159.919$ is the 20% darker color. If you saturate the color by 10%, you get $57, 29.467, 159.092$, and if you desaturate by 10%, it is $59, 15.505, 161.254$.

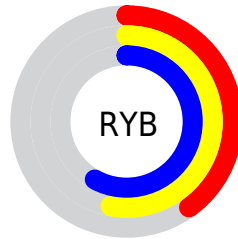
Distribution



Red (40%)

Green (58%)

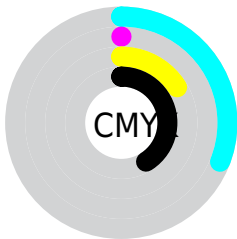
Blue (49%)



Red (40%)

Yellow (53%)

Blue (58%)

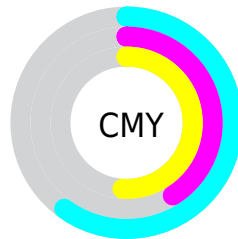


Cyan (31%)

Magenta (0%)

Yellow (16%)

Black (41%)



Cyan (60%)


Magenta (41%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 22.597, 160.235 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, 22.597, 160.235 by changing the saturation by 10% instead.


 58, 22.597,
160.235


 58, 22.597,
160.235


 100, 22.597,
160.235


 48, 22.597,
160.235


 78, 22.597,
160.235

 38, 22.597,
160.235

 88, 22.597,
160.235

 28, 22.597,
160.235

 98, 22.597,
160.235

 18, 22.597,
160.235

 8, 22.597, 160.235

 0, 22.597, 160.235

■ 58, 22.597,
160.235

■ 58, 22.597,
160.235

■ 57, 29.467,
159.092

■ 59, 15.505,
161.254

■ 56, 35.995,
157.803

■ 60, 8.295, 162.179

■ 62, 1.056, 163.266

■ 56, 42.067,
156.345

■ 63, 6.137, 343.651

■ 55, 47.579,
154.697

■ 65, 13.230,
344.362

■ 55, 52.459,
152.847

■ 66, 20.183,
345.001

■ 54, 56.682,
150.800

■ 68, 26.968,
345.590

■ 54, 59.915,
149.024

■ 70, 33.568,
346.138

■ 72, 39.976,
346.652

Harmonies

Complementary

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



58, 22.597, 160.235



49, 23.418, 345.904

Rectangle

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



58, 22.597, 160.235



58, 22.597, 210.235



58, 22.597, 340.235



58, 22.597, 30.235

Sweetspot

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



58, 22.598, 160.234



77, 8.044, 162.384



59, 27.868, 127.042



40, 5.575, 162.265



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, 22.598, 160.234



73, 33.493, 159.414



59, 16.615, 196.340



31, 4.050, 162.383



50, 56.245, 149.206



2, 3.545, 163.081

Inverse Universe

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



49, 23.418, 345.904



59, 34.951, 346.727



48, 20.367, 20.727



29, 4.098, 343.766



29, 53.829, 359.896



1, 3.546, 343.071

Previews

White Background



This preview shows how the CIELCh color 58, 22.597, 160.235 looks on a white background.

Color Contrast Check

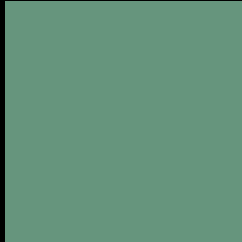
Large Text (above 18pt) WCAG AA ✓ Pass

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, 22.597, 160.235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

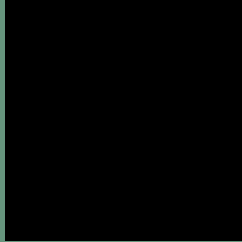
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 22.597, 160.235

Background



This preview shows how black text looks on a background with the CIELCh color 58, 22.597, 160.235.



This preview shows how white text looks on a background with the CIELCh color 58, 22.597, 160.235.

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, 22.597, 160.235

Protanopia
58, 10.717, 90.957

Deuteranopia
58, 9.453, 37.589



Tritanopia
58, 14.063, 227.619

Trichromacy



Original Color
58, 22.597, 160.235

Protanomaly
58, 12.348, 131.905

Deuteranomaly
58, 6.912, 119.400

Tritanomaly
58, 14.425, 195.797

Monochromacy



Original Color
58, 22.597, 160.235

Achromatopsia
56, 0.007, 296.813

Achromatomaly
56, 8.453, 161.157

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 22.597, 160.235 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(102, 149, 125)` looks like.

```
.text, #text, p{  
    color:rgb(102, 149, 125)  
}
```

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(102, 149, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 149, 125) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 22.597, 160.235 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(102, 149, 125) }
```

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

```
.border{ border-color:rgb(102, 149, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 149, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 149, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 149, 125);  
box-shadow:4px 4px 4px 4px rgb(102, 149,  
125) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 22.597, 160.235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 149, 125) }
```

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

```
.background{ background-color: rgb(102,  
149, 125) }
```

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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