

Converting Colors

CIELCh(58, 16.701, 140.271)

Have a look what the booklet for
CIELCh(58, 16.701, 140.271)
contains.

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Color

CIELCh(58, 16.723, 140.265)

Conversions

Conversions Part 1

Format	Color
Hex	7B9178
RGB	123, 145, 120
RGB Percent	48%, 57%, 47%
CMY	0.5163, 0.4300, 0.5281
CMYK	0.15, 0.00, 0.17, 0.43
HSL	113°, 10%, 52%
HSV	113°, 17%, 57%
XYZ	21.8093, 25.9610, 21.7406
YIQ	135.5720, -5.0870, -12.4390

Conversions

Conversions Part 2

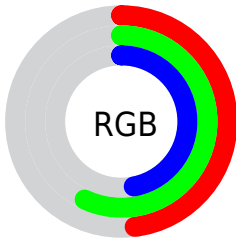
Format	Color
R_{YB}	120, 145, 142
Decimal	8098168
CIE _{Lab}	58.00, -12.86, 10.69
CIE _{LCh}	58, 16.723, 140.265
Yxy	25.9610, 0.3138, 0.3735
Android (android.graphics.Color)	4286288248 (0xFF7B9178)
YUV	135.5720, -7.6770, -11.0256
Hunter-Lab	50.9519, -12.7614, 10.3680

Details

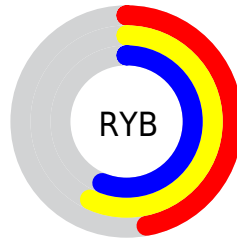
The CIELCh color $58, 16.723, 140.265$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $53, 16.807, 321.932$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $78, 16.862, 139.672$, and $38, 17.310, 139.705$ is the 20% darker color. If you saturate the color by 10%, you get $57, 26.481, 139.637$, and if you desaturate by 10%, it is $59, 6.969, 140.826$.

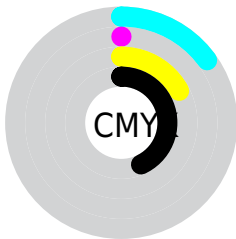
Distribution



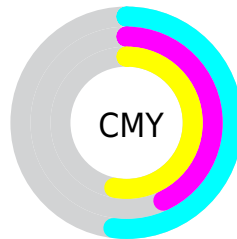
- Red (48%)
- Green (57%)
- Blue (47%)



- Red (47%)
- Yellow (57%)
- Blue (56%)



- Cyan (15%)
- Magenta (0%)
- Yellow (17%)
- Black (43%)





- Cyan (52%)
- Magenta (43%)
- Yellow (53%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 16.723, 140.265 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, 16.723, 140.265 by changing the saturation by 10% instead.


 58, 16.723,
140.265


 58, 16.723,
140.265


 100, 16.723,
140.265


 48, 16.723,
140.265


 78, 16.723,
140.265

 38, 16.723,
140.265

 88, 16.723,
140.265

 28, 16.723,
140.265

 98, 16.723,
140.265

 18, 16.723,
140.265

 8, 16.723, 140.265

 0, 16.723, 140.265

■ 58, 16.723,
140.265

■ 58, 16.723,
140.265

■ 57, 26.481,
139.637

■ 59, 6.969, 140.826

■ 56, 36.105,
138.932

■ 61, 2.688, 321.203

■ 55, 45.416,
138.162

■ 62, 12.178,
321.659

■ 54, 54.179,
137.357

■ 64, 21.453,
322.010

■ 54, 62.092,
136.578

■ 66, 30.486,
322.306

■ 53, 68.789,
135.922

■ 67, 39.261,
322.557


■ 53, 73.875,
135.512

■ 69, 47.773,
322.771

■ 52, 77.213,

■ 71, 56.024,
322.953

135.373

 73, 64.019,
323.107

 52, 78.017,
135.288

Harmonies

Complementary

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



58, 16.723, 140.265



53, 16.807, 321.932

Rectangle

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



58, 16.723, 140.265



58, 16.723, 190.265



58, 16.723, 320.265



58, 16.723, 10.265

Sweetspot

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



58, 16.724, 140.266



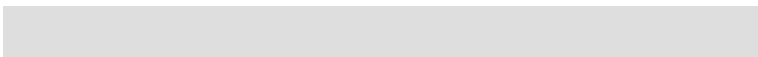
76, 5.970, 140.942



59, 12.290, 102.316



39, 4.062, 140.907



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



58, 16.724, 140.266



73, 25.278, 140.010



58, 13.342, 155.829



31, 5.547, 140.717



50, 74.967, 135.253



2, 4.836, 141.148

Inverse Universe

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



53, 16.807, 321.932



66, 25.423, 322.130



53, 13.485, 338.346



29, 5.567, 321.551



29, 73.707, 323.709



1, 4.836, 321.143

Previews

White Background



This preview shows how the CIELCh color 58, 16.723, 140.265 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, 16.723, 140.265 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

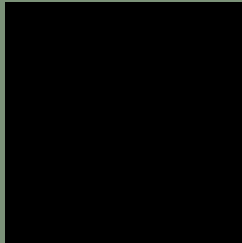
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 16.723, 140.265

Background



This preview shows how black text looks on a background with the CIELCh color 58, 16.723, 140.265.



This preview shows how white text looks on a background with the CIELCh color 58, 16.723, 140.265.

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](#).

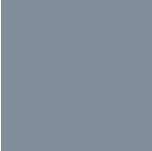
Dichromacy



Original Color
58, 16.723, 140.265

Protanopia
58, 12.879, 93.676

Deuteranopia
58, 11.829, 51.821



Tritanopia
58, 7.575, 255.041

Trichromacy



Original Color
58, 16.723, 140.265

Protanomaly
58, 13.051, 114.079

Deuteranomaly
58, 9.507, 91.453

Tritanomaly
58, 6.377, 183.313

Monochromacy



Original Color
58, 16.723, 140.265

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 6.048, 141.118

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 16.723, 140.265 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(123, 145, 120)` looks like.

```
.text, #text, p{  
    color:rgb(123, 145, 120)  
}
```

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(123, 145, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 145, 120) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 16.723, 140.265 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(123, 145, 120) }
```

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

```
.border{ border-color:rgb(123, 145, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 145, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 145, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 145, 120);  
box-shadow:4px 4px 4px 4px rgb(123, 145,  
120) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 16.723, 140.265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 145, 120) }
```

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

```
.background{ background-color: rgb(123,  
145, 120) }
```

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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