

Converting Colors

CIELCh(57, 23.052, 193.184)

Have a look what the booklet for
CIELCh(57, 23.052, 193.184)
contains.

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Color

CIELCh(57, 23.124, 192.981)

Conversions

Conversions Part 1

Format	Color
Hex	4F9491
RGB	79, 148, 145
RGB Percent	31%, 58%, 57%
CMY	0.6898, 0.4192, 0.4310
CMYK	0.47, 0.00, 0.02, 0.42
HSL	177°, 30%, 45%
HSV	177°, 47%, 58%
XYZ	18.9549, 24.9227, 30.6369
YIQ	127.0270, -40.1610, -15.5610

Conversions

Conversions Part 2

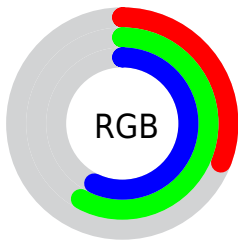
Format	Color
R_{YB}	79, 114, 148
Decimal	5215377
CIE _{Lab}	57.00, -22.53, -5.19
CIE _{LCh}	57, 23.124, 192.981
Yxy	24.9227, 0.2544, 0.3345
Android (android.graphics.Color)	4283405457 (0xFF4F9491)
YUV	127.0270, 8.8607, -42.1197
Hunter-Lab	49.9226, -19.5906, -1.4397

Details

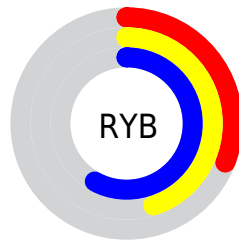
The CIELCh color **57, 23.124, 192.981** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **42, 31.199, 21.051**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **77, 22.937, 193.656**, and **37, 23.031, 193.445** is the 20% darker color. If you saturate the color by 10%, you get **56, 26.696, 192.419**, and if you desaturate by 10%, it is **58, 18.958, 193.557**.

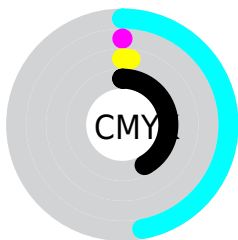
Distribution



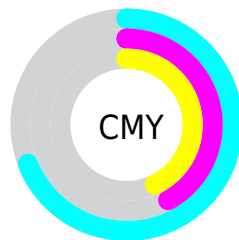
- Red (31%)
- Green (58%)
- Blue (57%)



- Red (31%)
- Yellow (45%)
- Blue (58%)



- Cyan (47%)
- Magenta (0%)
- Yellow (2%)
- Black (42%)





- Cyan (69%)
- Magenta (42%)
- Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 23.124, 192.981 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 57, 23.124, 192.981 by changing the saturation by 10% instead.


 57, 23.124,
192.981


 57, 23.124,
192.981


 100, 23.124,
192.981


 47, 23.124,
192.981


 77, 23.124,
192.981


 37, 23.124,
192.981

 87, 23.124,
192.981

 27, 23.124,
192.981

 97, 23.124,
192.981

 17, 23.124,
192.981

 7, 23.124, 192.981

 0, 23.124, 192.981

■ 57, 23.124,
192.981

■ 57, 23.124,
192.981

■ 56, 26.696,
192.419

■ 58, 18.958,
193.557

■ 56, 29.612,
191.873

■ 59, 14.278,
194.157

■ 56, 31.840,
191.332

■ 59, 9.172, 194.785

■ 55, 33.384,
190.785

■ 61, 3.729, 195.483

■ 62, 1.968, 15.785

■ 55, 34.329,
190.224

■ 63, 7.844, 16.604

■ 55, 34.608,
190.035

■ 65, 13.836, 17.287

■ 66, 19.891, 17.958

■ 68, 25.968, 18.623

Harmonies

Complementary

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



57, 23.124, 192.981



42, 31.199, 21.051

Rectangle

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



57, 23.124, 192.981



57, 23.124, 242.981



57, 23.124, 12.981



57, 23.124, 62.981

Sweetspot

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



57, 23.124, 192.979



75, 9.591, 194.936



56, 46.498, 139.798



40, 6.640, 194.807



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



57, 23.124, 192.979



71, 32.449, 192.390



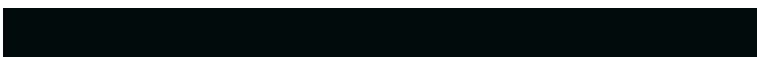
48, 21.506, 257.776



31, 3.175, 195.284



52, 32.812, 190.075



2, 2.836, 195.803

Inverse Universe

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



42, 31.199, 21.051



50, 47.306, 23.312



50, 25.612, 64.644



29, 3.345, 16.365



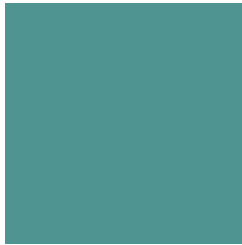
28, 63.716, 37.186



1, 2.836, 15.786

Previews

White Background



This preview shows how the CIELCh color 57, 23.124, 192.981 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 57, 23.124, 192.981 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

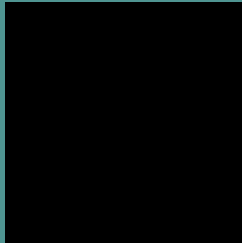
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 23.124, 192.981

Background



This preview shows how black text looks on a background with the CIELCh color 57, 23.124, 192.981.

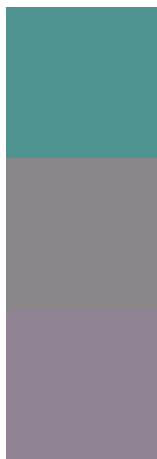


This preview shows how white text looks on a background with the CIELCh color 57, 23.124, 192.981.

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

57, 23.124, 192.981

Protanopia

57, 2.094, 324.463

Deuteranopia

57, 10.290, 317.729



Tritanopia
57, 21.134, 216.763

Trichromacy



Original Color
57, 23.124, 192.981

Protanomaly
57, 8.597, 202.446

Deuteranomaly
56, 8.281, 237.495

Tritanomaly
57, 21.401, 206.806

Monochromacy



Original Color
57, 23.124, 192.981

Achromatopsia
53, 0.007, 296.813

Achromatomaly
54, 9.440, 194.979

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 23.124, 192.981 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(79, 148, 145)` looks like.

```
.text, #text, p{  
    color:rgb(79, 148, 145)  
}
```

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(79, 148, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 148, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 23.124, 192.981 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(79, 148, 145) }
```

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

```
.border{ border-color:rgb(79, 148, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 148, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 148, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 148, 145);  
box-shadow:4px 4px 4px 4px rgb(79, 148,  
145) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 23.124, 192.981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 148, 145) }
```

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

```
.background{ background-color: rgb(79, 148,  
145) }
```

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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