

Converting Colors

CIELCh(58, 23.387, 193.053)

Have a look what the booklet for
CIELCh(58, 23.387, 193.053)
contains.

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Color

CIELCh(58, 23.387, 193.053)

Conversions

Conversions Part 1

Format	Color
Hex	519794
RGB	81, 151, 148
RGB Percent	32%, 59%, 58%
CMY	0.6829, 0.4084, 0.4202
CMYK	0.46, 0.00, 0.02, 0.41
HSL	177°, 30%, 45%
HSV	177°, 46%, 59%
XYZ	19.7564, 25.9610, 31.9252
YIQ	129.7280, -40.7570, -15.7730

Conversions

Conversions Part 2

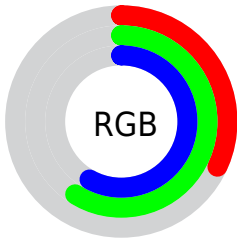
Format	Color
R_{YB}	81, 117, 151
Decimal	5347220
CIE _{Lab}	58.00, -22.78, -5.28
CIE _{LCh}	58, 23.387, 193.053
Yxy	25.9610, 0.2545, 0.3344
Android (android.graphics.Color)	4283537300 (0xFF519794)
YUV	129.7280, 9.0081, -42.7345
Hunter-Lab	50.9519, -19.9532, -1.4833

Details

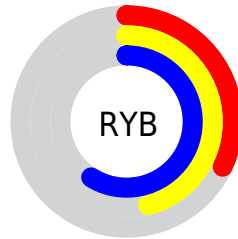
The CIELCh color **58, 23.387, 193.053** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **43, 31.541, 21.079**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **78, 23.198, 193.713**, and **38, 23.561, 192.004** is the 20% darker color. If you saturate the color by 10%, you get **57, 27.017, 192.494**, and if you desaturate by 10%, it is **59, 19.153, 193.627**.

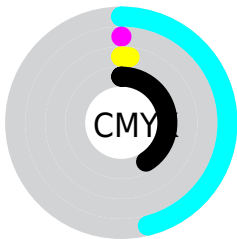
Distribution



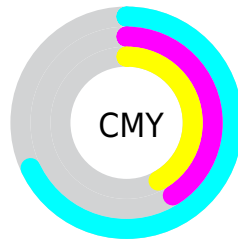
- Red (32%)
- Green (59%)
- Blue (58%)



- Red (32%)
- Yellow (46%)
- Blue (59%)



- Cyan (46%)
- Magenta (0%)
- Yellow (2%)
- Black (41%)





- Cyan (68%)
- Magenta (41%)
- Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 23.387, 193.053 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, 23.387, 193.053 by changing the saturation by 10% instead.


 58, 23.387,
193.053


 58, 23.387,
193.053


 100, 23.387,
193.053

 48, 23.387,
193.053


 78, 23.387,
193.053

 38, 23.387,
193.053

 88, 23.387,
193.053

 28, 23.387,
193.053

 98, 23.387,
193.053

 18, 23.387,
193.053

 8, 23.387, 193.053

 0, 23.387, 193.053

■ 58, 23.387,
193.053

■ 58, 23.387,
193.053

■ 57, 27.017,
192.494

■ 59, 19.153,
193.627

■ 57, 29.982,
191.951

■ 60, 14.397,
194.226

■ 57, 32.246,
191.414

■ 61, 9.209, 194.854

■ 56, 33.814,
190.873

■ 62, 3.679, 195.554

■ 63, 2.107, 15.865

■ 56, 34.767,
190.317

■ 64, 8.075, 16.673

■ 56, 35.059,
190.119

■ 66, 14.160, 17.355

■ 67, 20.309, 18.026

■ 69, 26.480, 18.691

Harmonies

Complementary

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



58, 23.387, 193.053



43, 31.541, 21.079

Rectangle

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



58, 23.387, 193.053



58, 23.387, 243.053



58, 23.387, 13.053



58, 23.387, 63.053

Sweetspot

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



58, 23.387, 193.051



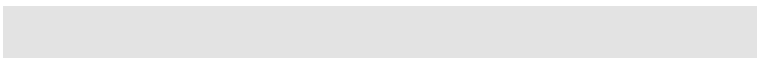
77, 9.797, 194.992



57, 47.022, 139.808



41, 6.782, 194.861



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



58, 23.387, 193.051



73, 33.121, 192.454



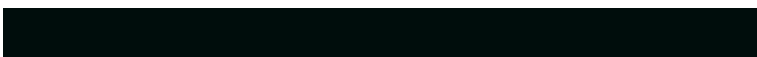
49, 21.749, 257.748



32, 3.266, 195.338



52, 33.235, 190.158



3, 3.607, 195.409

Inverse Universe

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



43, 31.541, 21.079



51, 48.350, 23.385



50, 25.889, 64.656



30, 3.441, 16.423



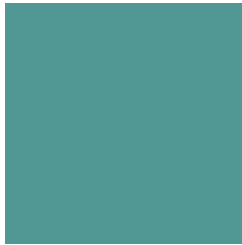
28, 64.691, 37.331



1, 3.605, 15.901

Previews

White Background



This preview shows how the CIELCh color 58, 23.387, 193.053 looks on a white background.

Color Contrast Check

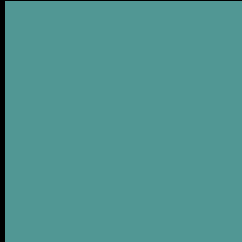
Large Text (above 18pt) WCAG AA ✓ Pass

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, 23.387, 193.053 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

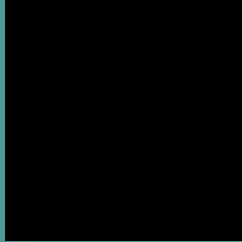
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 23.387, 193.053

Background



This preview shows how black text looks on a background with the CIELCh color 58, 23.387, 193.053.

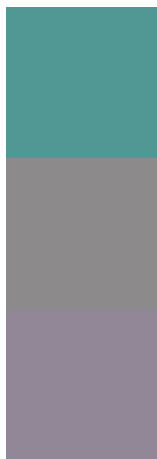


This preview shows how white text looks on a background with the CIELCh color 58, 23.387, 193.053.

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, 23.387, 193.053

Protanopia

58, 1.648, 335.645

Deuteranopia

58, 10.084, 315.754



Tritanopia
58, 21.388, 216.454

Trichromacy



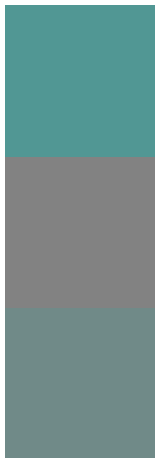
Original Color
58, 23.387, 193.053

Protanomaly
58, 8.950, 198.587

Deuteranomaly
57, 8.534, 235.964

Tritanomaly
58, 21.918, 206.533

Monochromacy



Original Color
58, 23.387, 193.053

Achromatopsia
54, 0.007, 296.813

Achromatomaly
55, 9.861, 191.750

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 23.387, 193.053 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(81, 151, 148)` looks like.

```
.text, #text, p{  
    color:rgb(81, 151, 148)  
}
```

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(81, 151, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 151, 148) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 23.387, 193.053 is called "border". The border property can be set on classes, ids or directly on the HTML element.

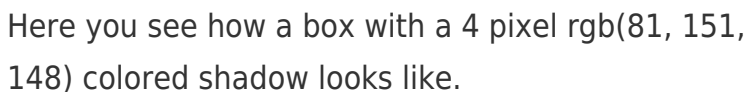
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(81, 151, 148) }
```

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

```
.border{ border-color:rgb(81, 151, 148) }
```

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



Here you see how a box with a 4 pixel `rgb(81, 151, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(81, 151, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(81, 151, 148); box-shadow:4px 4px 4px 4px rgb(81, 151, 148) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 23.387, 193.053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 151, 148) }
```

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

```
.background{ background-color: rgb(81, 151,  
148) }
```

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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