

Converting Colors

CIELCh(58, 24.678, 201.217)

Have a look what the booklet for
CIELCh(58, 24.678, 201.217)
contains.

CIELCh(58, 24.683, 201.217)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(58, 24.683, 201.217)

Conversions

Conversions Part 1

Format	Color
Hex	49979A
RGB	73, 151, 154
RGB Percent	29%, 59%, 60%
CMY	0.7129, 0.4071, 0.3953
CMYK	0.53, 0.02, 0.00, 0.40
HSL	182°, 36%, 45%
HSV	182°, 53%, 60%
XYZ	19.7110, 25.9610, 34.6298
YIQ	128.0200, -47.4510, -15.6030

Conversions

Conversions Part 2

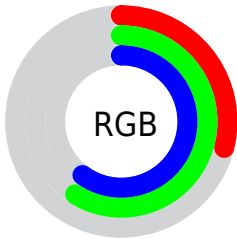
Format	Color
R_{YB}	73, 113, 154
Decimal	4822938
CIE _{Lab}	58.00, -23.01, -8.93
CIE _{LCh}	58, 24.683, 201.217
Yxy	25.9610, 0.2455, 0.3233
Android (android.graphics.Color)	4283013018 (0xFF49979A)
YUV	128.0200, 12.8081, -48.2525
Hunter-Lab	50.9519, -20.1124, -4.6304

Details

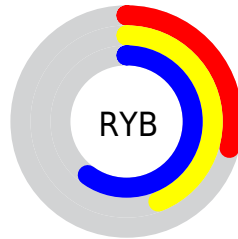
The CIELCh color **58, 24.683, 201.217** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **42, 36.360, 27.711**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **78, 24.646, 201.424**, and **38, 24.781, 200.808** is the 20% darker color. If you saturate the color by 10%, you get **57, 27.659, 201.219**, and if you desaturate by 10%, it is **59, 21.046, 201.318**.

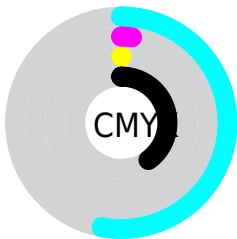
Distribution



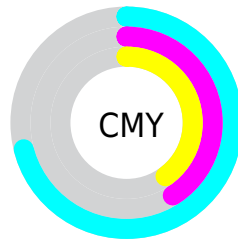
- Red (29%)
- Green (59%)
- Blue (60%)



- Red (29%)
- Yellow (44%)
- Blue (60%)



- Cyan (53%)
- Magenta (2%)
- Yellow (0%)
- Black (40%)



- Cyan (71%)
- Magenta (41%)
- Yellow (40%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 24.683, 201.217 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, 24.683, 201.217 by changing the saturation by 10% instead.

 58, 24.683,
201.217


 58, 24.683,
201.217


 100, 24.683,
201.217

 48, 24.683,
201.217


 78, 24.683,
201.217

 38, 24.683,
201.217

 88, 24.683,
201.217

 28, 24.683,
201.217

 98, 24.683,
201.217

 18, 24.683,
201.217

 8, 24.683, 201.217

 0, 24.683, 201.217

■ 58, 24.683,
201.217

■ 58, 24.683,
201.217

■ 57, 27.659,
201.219

■ 59, 21.046,
201.318

■ 57, 29.929,
201.342

■ 60, 16.817,
201.517

■ 56, 31.486,
201.592

■ 61, 12.079,
201.802

■ 56, 32.363,
201.977

■ 62, 6.920, 202.171

■ 56, 32.747,
202.321

■ 63, 1.427, 202.821

■ 65, 4.321, 22.834

■ 66, 10.253, 23.368

■ 68, 16.310, 23.881

■ 70, 22.444, 24.402

Harmonies

Complementary

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



58, 24.683, 201.217



42, 36.360, 27.711

Rectangle

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



58, 24.683, 201.217



58, 24.683, 251.217



58, 24.683, 21.217



58, 24.683, 71.217

Sweetspot

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



58, 24.683, 201.215



79, 10.878, 202.019



57, 53.264, 141.047



41, 7.361, 201.949



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



58, 24.683, 201.215



73, 34.260, 201.231



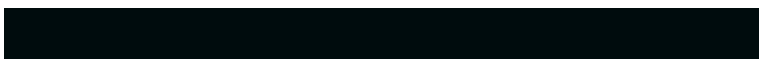
46, 27.529, 268.881



32, 3.131, 202.319



51, 30.568, 202.269



3, 3.449, 203.054

Inverse Universe

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



44, 52.771, 328.203



53, 75.878, 328.709



52, 30.931, 72.247



30, 5.793, 325.922



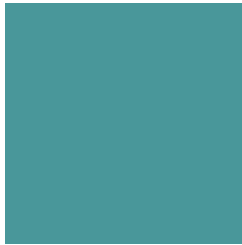
33, 71.998, 329.725



1, 6.207, 325.574

Previews

White Background



This preview shows how the CIE LCh color 58, 24.683, 201.217 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, 24.683, 201.217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

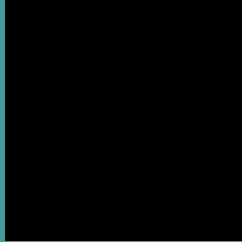
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 24.683, 201.217

Background



This preview shows how black text looks on a background with the CIELCh color 58, 24.683, 201.217.

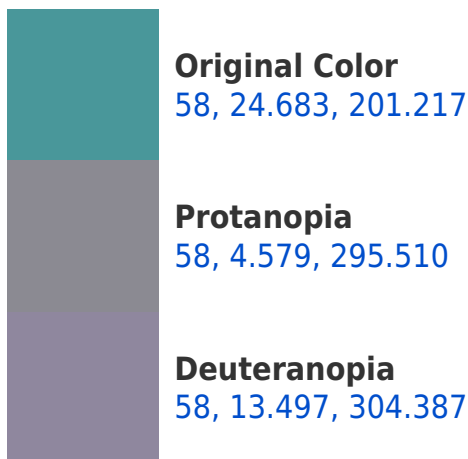



This preview shows how white text looks on a background with the CIELCh color 58, 24.683, 201.217.

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





Tritanopia
58, 23.685, 214.382

Trichromacy



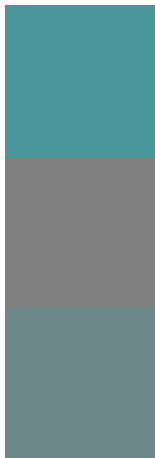
Original Color
58, 24.683, 201.217

Protanomaly
58, 10.618, 217.406

Deuteranomaly
57, 12.040, 248.378

Tritanomaly
58, 23.806, 209.930

Monochromacy



Original Color
58, 24.683, 201.217

Achromatopsia
54, 0.007, 296.813

Achromatomaly
55, 10.382, 204.824

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 24.683, 201.217 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(73, 151, 154)` looks like.

```
.text, #text, p{  
    color:rgb(73, 151, 154)  
}
```

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(73, 151, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 151, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 24.683, 201.217 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(73, 151, 154) }
```

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

```
.border{ border-color:rgb(73, 151, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 151, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(73, 151, 154); -webkit-box-shadow:4px 4px 4px 4px rgb(73, 151, 154); box-shadow:4px 4px 4px 4px rgb(73, 151, 154) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 24.683, 201.217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 151, 154) }
```

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

```
.background{ background-color: rgb(73, 151,  
154) }
```

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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