

Converting Colors

CIELCh(52, 20.217, 219.819)

Have a look what the booklet for
CIELCh(52, 20.217, 219.819)
contains.

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Color

CIELCh(52, 20.217, 219.819)

Conversions

Conversions Part 1

Format	Color
Hex	4A8592
RGB	74, 133, 146
RGB Percent	29%, 52%, 57%
CMY	0.7117, 0.4803, 0.4293
CMYK	0.49, 0.09, 0.00, 0.43
HSL	191°, 33%, 43%
HSV	191°, 49%, 57%
XYZ	16.2619, 20.1443, 30.0317
YIQ	116.8410, -39.3370, -8.4650

Conversions

Conversions Part 2

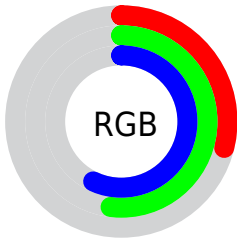
Format	Color
R_{YB}	74, 106, 146
Decimal	4883858
CIE _{Lab}	52.00, -15.53, -12.95
CIE _{LCh}	52, 20.217, 219.819
Yxy	20.1443, 0.2448, 0.3032
Android (android.graphics.Color)	4283073938 (0xFF4A8592)
YUV	116.8410, 14.3754, -37.5716
Hunter-Lab	44.8824, -13.8698, -8.2543

Details

The CIELCh color **52, 20.217, 219.819** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **43, 29.141, 38.060**, and the grayscale version is **49, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 20.318, 220.267**, and **32, 20.183, 221.472** is the 20% darker color. If you saturate the color by 10%, you get **51, 23.010, 221.059**, and if you desaturate by 10%, it is **54, 16.901, 218.891**.

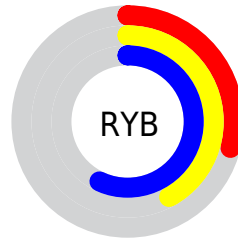
Distribution



Red (29%)

Green (52%)

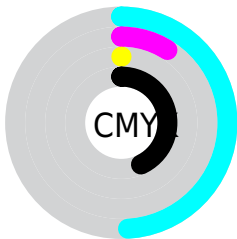
Blue (57%)



Red (29%)

Yellow (42%)

Blue (57%)

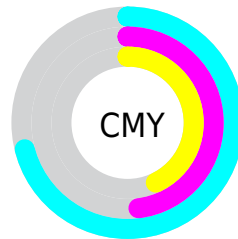


Cyan (49%)

Magenta (9%)

Yellow (0%)

Black (43%)



Cyan (71%)


Magenta (48%)


Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 20.217, 219.819 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 52, 20.217, 219.819 by changing the saturation by 10% instead.


 52, 20.217,
219.819


 52, 20.217,
219.819


 100, 20.217,
219.819


 42, 20.217,
219.819


 72, 20.217,
219.819

 32, 20.217,
219.819

 82, 20.217,
219.819

 22, 20.217,
219.819

 92, 20.217,
219.819

 12, 20.217,
219.819

 2, 20.217, 219.819

 0, 20.217, 219.819

■ 52, 20.217,
219.819

■ 52, 20.217,
219.819

■ 51, 23.010,
221.059

■ 54, 16.901,
218.891

■ 49, 25.236,
222.684

■ 55, 13.127,
218.222

■ 48, 26.877,
224.764

■ 57, 8.964, 217.765

■ 47, 27.959,
227.367

■ 59, 4.484, 217.503

■ 60, 0.251, 35.495

■ 46, 28.665,
230.393

■ 62, 5.180, 37.053

■ 46, 28.703,
230.549

■ 64, 10.257, 37.086

■ 66, 15.440, 37.150

■ 69, 20.695, 37.250

Harmonies

Complementary

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



52, 20.217, 219.819



43, 29.141, 38.060

Rectangle

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



52, 20.217, 219.819



52, 20.217, 269.819



52, 20.217, 39.819



52, 20.217, 89.819

Sweetspot

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



52, 20.217, 219.817



73, 8.636, 217.630



55, 43.907, 145.218



38, 5.842, 217.687



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



52, 20.217, 219.817



65, 28.091, 221.164



41, 29.624, 279.800



30, 2.709, 217.499



44, 27.566, 230.357



2, 2.424, 217.246

Inverse Universe

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



42, 43.377, 332.962



51, 62.168, 333.692



52, 29.778, 84.763



29, 5.096, 330.372



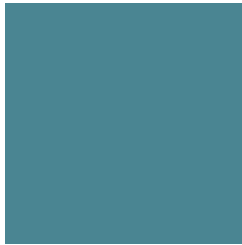
31, 63.714, 336.740



1, 4.430, 329.851

Previews

White Background



This preview shows how the CIELCh color 52, 20.217, 219.819 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 52, 20.217, 219.819 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

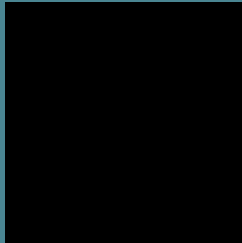
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 20.217, 219.819

Background



This preview shows how black text looks on a background with the CIELCh color 52, 20.217, 219.819.



This preview shows how white text looks on a background with the CIELCh color 52, 20.217, 219.819.

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

52, 20.217, 219.819

Protanopia

52, 9.894, 289.244

Deuteranopia

52, 15.748, 294.807



Tritanopia
52, 20.257, 216.179

Trichromacy



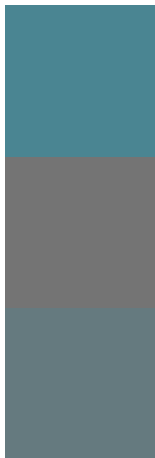
Original Color
52, 20.217, 219.819

Protanomaly
52, 11.593, 247.951

Deuteranomaly
52, 14.395, 262.282

Tritanomaly
52, 20.345, 217.865

Monochromacy



Original Color
52, 20.217, 219.819

Achromatopsia
49, 0.007, 296.813

Achromatomaly
50, 8.355, 219.268

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 20.217, 219.819 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(74, 133, 146)` looks like.

```
.text, #text, p{  
    color:rgb(74, 133, 146)  
}
```

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(74, 133, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 133, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 20.217, 219.819 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(74, 133, 146) }
```

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

```
.border{ border-color:rgb(74, 133, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 133, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 133, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 133, 146);  
box-shadow:4px 4px 4px 4px rgb(74, 133,  
146) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 20.217, 219.819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 133, 146) }
```

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

```
.background{ background-color: rgb(74, 133,  
146) }
```

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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