

Converting Colors

CIELCh(52, 16.288, 211.994)

Have a look what the booklet for
CIELCh(52, 16.288, 211.994)
contains.

CIELCh(52, 16.302, 212.465)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(52, 16.302, 212.465)

Conversions

Conversions Part 1

Format	Color
Hex	55838A
RGB	85, 131, 138
RGB Percent	33%, 51%, 54%
CMY	0.6650, 0.4846, 0.4572
CMYK	0.38, 0.05, 0.00, 0.46
HSL	188°, 24%, 44%
HSV	188°, 38%, 54%
XYZ	16.5756, 20.1443, 27.2207
YIQ	118.0440, -29.6630, -7.5750

Conversions

Conversions Part 2

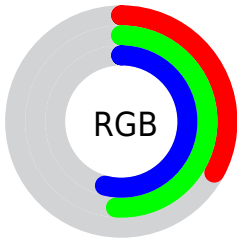
Format	Color
R_{YB}	85, 110, 138
Decimal	5604234
CIE _{Lab}	52.00, -13.75, -8.75
CIE _{LCh}	52, 16.302, 212.465
Yxy	20.1443, 0.2592, 0.3150
Android (android.graphics.Color)	4283794314 (0xFF55838A)
YUV	118.0440, 9.8383, -28.9796
Hunter-Lab	44.8824, -12.6220, -4.5410

Details

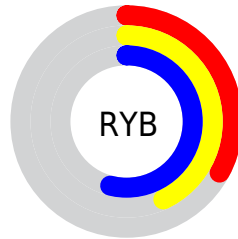
The CIELCh color **52, 16.302, 212.465** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **44, 21.403, 33.135**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 16.273, 211.869**, and **32, 16.486, 210.750** is the 20% darker color. If you saturate the color by 10%, you get **51, 19.611, 212.967**, and if you desaturate by 10%, it is **53, 12.533, 212.147**.

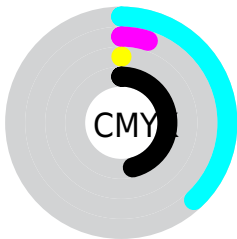
Distribution



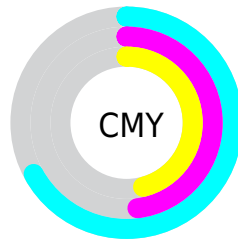
- Red (33%)
- Green (51%)
- Blue (54%)



- Red (33%)
- Yellow (43%)
- Blue (54%)



- Cyan (38%)
- Magenta (5%)
- Yellow (0%)
- Black (46%)





- Cyan (67%)
- Magenta (48%)
- Yellow (46%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 16.302, 212.465 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, 16.302, 212.465 by changing the saturation by 10% instead.


 52, 16.302,
212.465


 52, 16.302,
212.465


 100, 16.302,
212.465


 42, 16.302,
212.465


 72, 16.302,
212.465

 32, 16.302,
212.465

 82, 16.302,
212.465

 22, 16.302,
212.465

 92, 16.302,
212.465

 12, 16.302,
212.465

 2, 16.302, 212.465

 0, 16.302, 212.465

■ 52, 16.302,
212.465

■ 52, 16.302,
212.465

■ 51, 19.611,
212.967

■ 53, 12.533,
212.147

■ 50, 22.394,
213.702

■ 55, 8.375, 211.992

■ 56, 3.902, 211.998

■ 49, 24.599,
214.714

■ 58, 0.821, 31.419

■ 48, 26.200,
216.054

■ 60, 5.737, 31.976

■ 47, 27.206,
217.771

■ 61, 10.793, 32.184

■ 63, 15.950, 32.412

■ 46, 27.757,
219.830

■ 65, 21.172, 32.665

■ 46, 27.847,
220.182

■ 67, 26.434, 32.937

Harmonies

Complementary

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



52, 16.302, 212.465



44, 21.403, 33.135

Rectangle

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



52, 16.302, 212.465



52, 16.302, 262.465



52, 16.302, 32.465



52, 16.302, 82.465

Sweetspot

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



52, 16.302, 212.462



72, 6.396, 211.975



53, 34.194, 144.917



38, 4.318, 211.971



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



52, 16.302, 212.462



66, 23.408, 212.891



44, 20.457, 273.139



28, 2.638, 211.988



44, 26.999, 220.072



1, 1.253, 211.937

Inverse Universe

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



44, 33.838, 330.499



53, 50.038, 331.018



51, 21.143, 82.024



27, 4.968, 328.761



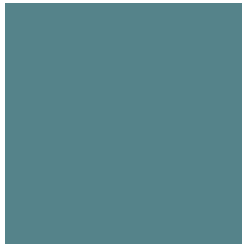
30, 64.305, 334.111



0, 2.292, 328.264

Previews

White Background



This preview shows how the CIELCh color 52, 16.302, 212.465 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, 16.302, 212.465 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

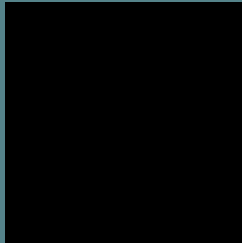
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

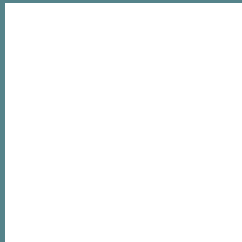
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 52, 16.302, 212.465

Background



This preview shows how black text looks on a background with the CIELCh color 52, 16.302, 212.465.



This preview shows how white text looks on a background with the CIELCh color 52, 16.302, 212.465.

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, 16.302, 212.465

Protanopia

52, 5.815, 290.918

Deuteranopia

52, 12.561, 303.882



Tritanopia
52, 16.302, 219.034

Trichromacy



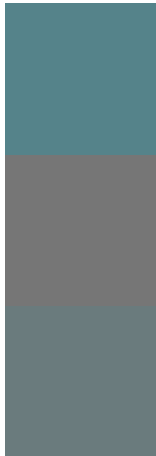
Original Color
52, 16.302, 212.465

Protanomaly
52, 8.108, 239.264

Deuteranomaly
52, 10.191, 265.573

Tritanomaly
52, 16.187, 216.966

Monochromacy



Original Color
52, 16.302, 212.465

Achromatopsia
50, 0.007, 296.813

Achromatomaly
50, 6.602, 209.011

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 16.302, 212.465 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(85, 131, 138)` looks like.

```
.text, #text, p{  
    color:rgb(85, 131, 138)  
}
```

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(85, 131, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 131, 138) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 16.302, 212.465 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(85, 131, 138) }
```

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

```
.border{ border-color:rgb(85, 131, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 131, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 131, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 131, 138);  
box-shadow:4px 4px 4px 4px rgb(85, 131,  
138) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 16.302, 212.465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 131, 138) }
```

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

```
.background{ background-color: rgb(85, 131,  
138) }
```

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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