

Converting Colors

CIELCh(52, 12.689, 211.645)

Have a look what the booklet for
CIELCh(52, 12.689, 211.645)
contains.

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Color

CIELCh(52, 12.867, 211.327)

Conversions

Conversions Part 1

Format	Color
Hex	5F8287
RGB	95, 130, 135
RGB Percent	37%, 51%, 53%
CMY	0.6275, 0.4902, 0.4706
CMYK	0.30, 0.04, 0.00, 0.47
HSL	187°, 17%, 45%
HSV	187°, 30%, 53%
XYZ	17.0724, 20.1443, 25.9067
YIQ	120.1050, -22.4650, -5.8650

Conversions

Conversions Part 2

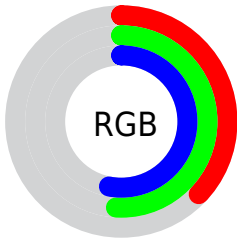
Format	Color
R_{YB}	95, 114, 135
Decimal	6259335
CIE _{Lab}	52.00, -10.99, -6.69
CIE _{LCh}	52, 12.867, 211.327
Yxy	20.1443, 0.2705, 0.3191
Android (android.graphics.Color)	4284449415 (0xFF5F8287)
YUV	120.1050, 7.3432, -22.0171
Hunter-Lab	44.8824, -10.6464, -2.8052

Details

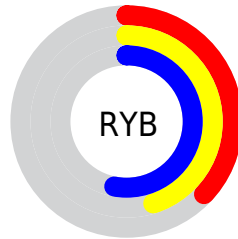
The CIELCh color `52, 12.867, 211.327` is a dark color, and the websafe version is hex `669999`. A complement of this color would be `46, 15.755, 31.978`, and the grayscale version is `50, 0.007, 296.813`.

A 20% lighter version of the original color is `72, 12.756, 210.865`, and `32, 13.071, 208.943` is the 20% darker color. If you saturate the color by 10%, you get `51, 16.524, 211.612`, and if you desaturate by 10%, it is `53, 8.819, 211.188`.

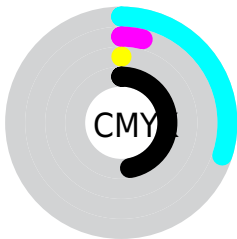
Distribution



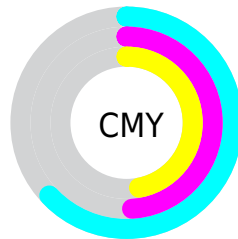
- Red (37%)
- Green (51%)
- Blue (53%)



- Red (37%)
- Yellow (45%)
- Blue (53%)



- Cyan (30%)
- Magenta (4%)
- Yellow (0%)
- Black (47%)





- Cyan (63%)
- Magenta (49%)
- Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 12.867, 211.327 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, 12.867, 211.327 by changing the saturation by 10% instead.


 52, 12.867,
211.327


 52, 12.867,
211.327


 100, 12.867,
211.327


 42, 12.867,
211.327


 72, 12.867,
211.327

 32, 12.867,
211.327

 82, 12.867,
211.327

 22, 12.867,
211.327

 92, 12.867,
211.327

 12, 12.867,
211.327

 2, 12.867, 211.327

 0, 12.867, 211.327

■ 52, 12.867,
211.327

■ 52, 12.867,
211.327

■ 51, 16.524,
211.612

■ 53, 8.819, 211.188

■ 50, 19.719,
212.087

■ 55, 4.449, 211.203

■ 49, 22.388,
212.785

■ 56, 0.174, 28.790

■ 48, 24.483,
213.751

■ 60, 9.958, 31.457

■ 47, 25.981,
215.031

■ 61, 15.026, 31.704

■ 46, 26.896,
216.673

■ 63, 20.162, 31.975

■ 45, 27.419,
218.591

■ 65, 25.339, 32.264

■ 45, 27.439,

■ 67, 30.534, 32.565

218.662

Harmonies

Complementary

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



52, 12.867, 211.327



46, 15.755, 31.978

Rectangle

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



52, 12.867, 211.327



52, 12.867, 261.327



52, 12.867, 31.327



52, 12.867, 81.327

Sweetspot

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



52, 12.867, 211.322



70, 5.169, 211.208



53, 26.020, 145.725



37, 3.608, 211.194



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



52, 12.867, 211.322



65, 18.866, 211.513



46, 15.452, 271.388



27, 2.571, 211.210



44, 26.714, 218.571



0, 0.630, 211.186

Inverse Universe

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



46, 25.911, 329.741



56, 38.936, 330.164



51, 15.850, 83.182



26, 4.838, 328.530



29, 63.763, 333.738



0, 1.152, 328.039

Previews

White Background



This preview shows how the CIE LCh color 52, 12.867, 211.327 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 CIE LCh color 52, 12.867, 211.327 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

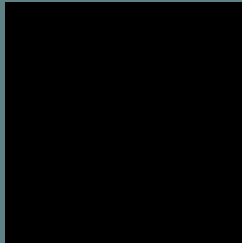
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 12.867, 211.327

Background



This preview shows how black text looks on a background with the CIELCh color 52, 12.867, 211.327.



This preview shows how white text looks on a background with the CIELCh color 52, 12.867, 211.327.

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, 12.867, 211.327

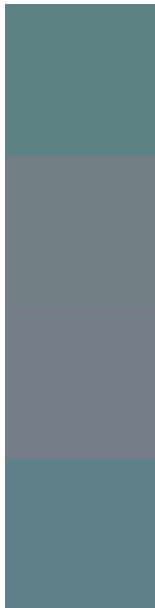
Protanopia
52, 4.675, 295.556

Deuteranopia
52, 10.536, 310.609



Tritanopia
52, 13.140, 227.677

Trichromacy



Original Color
52, 12.867, 211.327

Protanomaly
52, 5.981, 234.775

Deuteranomaly
52, 7.402, 270.090

Tritanomaly
52, 12.742, 222.729

Monochromacy



Original Color
52, 12.867, 211.327

Achromatopsia
50, 0.007, 296.813

Achromatomaly
51, 5.066, 205.571

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 12.867, 211.327 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(95, 130, 135)` looks like.

```
.text, #text, p{  
    color:rgb(95, 130, 135)  
}
```

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(95, 130, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 130, 135) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 12.867, 211.327 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(95, 130, 135) }
```

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

```
.border{ border-color:rgb(95, 130, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 130, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 130, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 130, 135);  
box-shadow:4px 4px 4px 4px rgb(95, 130,  
135) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 12.867, 211.327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 130, 135) }
```

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

```
.background{ background-color: rgb(95, 130,  
135) }
```

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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