

Converting Colors

CIECh(52, 14.119, 210.031)

Have a look what the booklet for
CIELCh(52, 14.119, 210.031)
contains.

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Color

CIELCh(52, 14.112, 210.027)

Conversions

Conversions Part 1

Format	Color
Hex	5C8388
RGB	92, 131, 136
RGB Percent	36%, 51%, 53%
CMY	0.6408, 0.4879, 0.4683
CMYK	0.32, 0.04, 0.00, 0.47
HSL	187°, 19%, 45%
HSV	187°, 32%, 53%
XYZ	16.8506, 20.1443, 26.1406
YIQ	119.9090, -24.8490, -6.7130

Conversions

Conversions Part 2

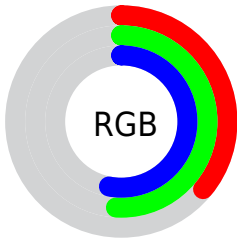
Format	Color
R _Y B	92, 113, 136
Decimal	6062984
CIE Lab	52.00, -12.22, -7.06
CIE LCh	52, 14.112, 210.027
Yxy	20.1443, 0.2669, 0.3191
Android (android.graphics.Color)	4284253064 (0xFF5C8388)
YUV	119.9090, 7.9329, -24.4762
Hunter-Lab	44.8824, -11.5284, -3.1143

Details

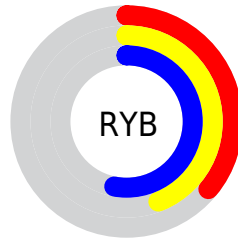
The CIELCh color `52, 14.112, 210.027` is a dark color, and the websafe version is hex `669999`. A complement of this color would be `45, 17.665, 31.126`, and the grayscale version is `50, 0.007, 296.813`.

A 20% lighter version of the original color is `72, 14.012, 209.641`, and `32, 14.216, 207.871` is the 20% darker color. If you saturate the color by 10%, you get `51, 17.687, 210.285`, and if you desaturate by 10%, it is `53, 10.119, 209.912`.

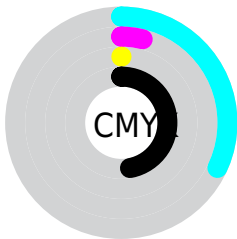
Distribution



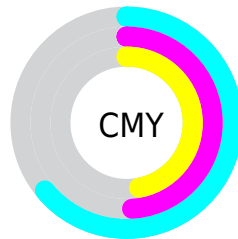
- Red (36%)
- Green (51%)
- Blue (53%)



- Red (36%)
- Yellow (44%)
- Blue (53%)



- Cyan (32%)
- Magenta (4%)
- Yellow (0%)
- Black (47%)





- Cyan (64%)
- Magenta (49%)
- Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 14.112, 210.027 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, 14.112, 210.027 by changing the saturation by 10% instead.


 52, 14.112,
210.027


 52, 14.112,
210.027


 100, 14.112,
210.027


 42, 14.112,
210.027


 72, 14.112,
210.027


 32, 14.112,
210.027


 82, 14.112,
210.027

 22, 14.112,
210.027

 92, 14.112,
210.027

 12, 14.112,
210.027

 2, 14.112, 210.027

 0, 14.112, 210.027

■ 52, 14.112,
210.027

■ 52, 14.112,
210.027

■ 51, 17.687,
210.285

■ 53, 10.119,
209.912

■ 50, 20.772,
210.729

■ 55, 5.779, 209.938

■ 49, 23.307,
211.389

■ 56, 1.162, 210.313

■ 58, 3.669, 30.001

■ 48, 25.248,
212.306

■ 59, 8.660, 30.284

■ 47, 26.582,
213.523

■ 61, 13.767, 30.562

■ 63, 18.950, 30.861

■ 46, 27.334,
215.078

■ 65, 24.181, 31.178

■ 46, 27.704,
216.377

■ 67, 29.434, 31.507

Harmonies

Complementary

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



52, 14.112, 210.027



45, 17.665, 31.126

Rectangle

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



52, 14.112, 210.027



52, 14.112, 260.027



52, 14.112, 30.027



52, 14.112, 80.027

Sweetspot

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



52, 14.112, 210.023



70, 5.780, 209.965



53, 28.908, 144.980



37, 3.962, 209.949



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, 14.112, 210.023



65, 20.345, 210.202



46, 16.663, 270.454



28, 2.677, 209.982



45, 27.264, 216.329



1, 1.272, 210.004

Inverse Universe

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



45, 28.663, 329.534



55, 42.389, 329.963



51, 17.267, 81.308



27, 5.032, 328.176



30, 65.212, 333.186



0, 2.322, 327.685

Previews

White Background



This preview shows how the CIELCh color 52, 14.112, 210.027 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, 14.112, 210.027 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

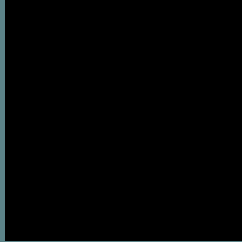
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

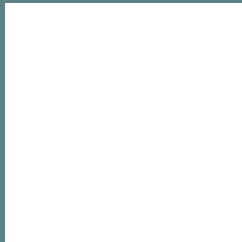
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 52, 14.112, 210.027

Background



This preview shows how black text looks on a background with the CIELCh color 52, 14.112, 210.027.



This preview shows how white text looks on a background with the CIELCh color 52, 14.112, 210.027.

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, 14.112, 210.027

Protanopia

52, 4.675, 295.556

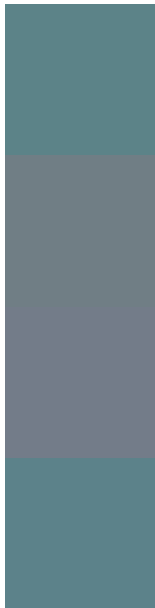
Deuteranopia

52, 11.084, 309.633



Tritanopia
52, 14.068, 222.787

Trichromacy



Original Color
52, 14.112, 210.027

Protanomaly
52, 6.595, 237.197

Deuteranomaly
52, 8.201, 266.788

Tritanomaly
52, 14.067, 217.590

Monochromacy



Original Color
52, 14.112, 210.027

Achromatopsia
50, 0.007, 296.813

Achromatomaly
51, 5.501, 211.185

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 14.112, 210.027 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(92, 131, 136)` looks like.

```
.text, #text, p{  
    color:rgb(92, 131, 136)  
}
```

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(92, 131, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 131, 136) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 14.112, 210.027 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(92, 131, 136) }
```

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

```
.border{ border-color:rgb(92, 131, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 131, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 131, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 131, 136);  
box-shadow:4px 4px 4px 4px rgb(92, 131,  
136) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 14.112, 210.027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 131, 136) }
```

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

```
.background{ background-color: rgb(92, 131,  
136) }
```

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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