

Converting Colors

CIELCh(52, 12.488, 214.522)

Have a look what the booklet for
CIELCh(52, 12.488, 214.522)
contains.

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Color

CIELCh(52, 12.632, 214.363)

Conversions

Conversions Part 1

Format	Color
Hex	608288
RGB	96, 130, 136
RGB Percent	38%, 51%, 53%
CMY	0.6245, 0.4911, 0.4676
CMYK	0.29, 0.04, 0.00, 0.47
HSL	189°, 17%, 45%
HSV	189°, 29%, 53%
XYZ	17.1749, 20.1443, 26.1837
YIQ	120.5180, -22.1900, -5.3420

Conversions

Conversions Part 2

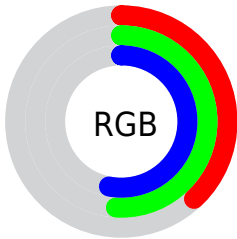
Format	Color
R _Y B	96, 114, 136
Decimal	6324872
CIE Lab	52.00, -10.43, -7.13
CIE LCh	52, 12.632, 214.363
Yxy	20.1443, 0.2705, 0.3172
Android (android.graphics.Color)	4284514952 (0xFF608288)
YUV	120.5180, 7.6326, -21.5023
Hunter-Lab	44.8824, -10.2385, -3.1711

Details

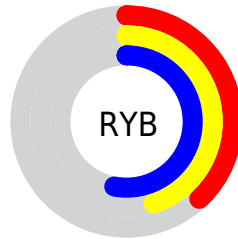
The CIELCh color $52, 12.632, 214.363$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $46, 15.436, 34.293$, and the grayscale version is $51, 0.007, 296.813$.

A 20% lighter version of the original color is $72, 12.520, 213.715$, and $32, 12.814, 212.169$ is the 20% darker color. If you saturate the color by 10%, you get $51, 16.256, 214.810$, and if you desaturate by 10%, it is $53, 8.628, 214.085$.

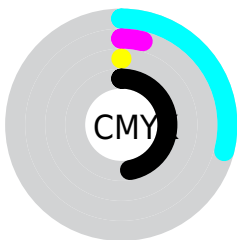
Distribution



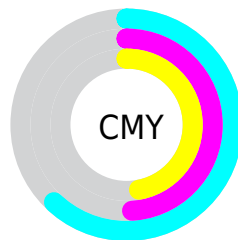
- Red (38%)
- Green (51%)
- Blue (53%)



- Red (38%)
- Yellow (45%)
- Blue (53%)



- Cyan (29%)
- Magenta (4%)
- Yellow (0%)
- Black (47%)





- Cyan (62%)
- Magenta (49%)
- Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 12.632, 214.363 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, 12.632, 214.363 by changing the saturation by 10% instead.


 52, 12.632,
214.363


 52, 12.632,
214.363


 100, 12.632,
214.363


 42, 12.632,
214.363


 72, 12.632,
214.363

 32, 12.632,
214.363

 82, 12.632,
214.363

 22, 12.632,
214.363

 92, 12.632,
214.363

 12, 12.632,
214.363

 2, 12.632, 214.363

 0, 12.632, 214.363

■ 52, 12.632,
214.363

■ 52, 12.632,
214.363

■ 51, 16.256,
214.810

■ 53, 8.628, 214.085

■ 49, 19.432,
215.477

■ 55, 4.312, 213.981

■ 57, 0.251, 32.185

■ 48, 22.096,
216.407

■ 58, 5.005, 33.796

■ 47, 24.201,
217.653

■ 60, 9.901, 33.940

■ 62, 14.900, 34.106

■ 46, 25.726,
219.273

■ 64, 19.967, 34.300

■ 45, 26.688,
221.327

■ 66, 25.077, 34.519

■ 68, 30.208, 34.753

■ 44, 27.271,
223.719

■ 44, 27.303,

223.846

Harmonies

Complementary

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



52, 12.632, 214.363



46, 15.436, 34.293

Rectangle

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



52, 12.632, 214.363



52, 12.632, 264.363



52, 12.632, 34.363



52, 12.632, 84.363

Sweetspot

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



52, 12.632, 214.358



70, 5.074, 213.981



53, 25.684, 146.245



37, 3.542, 213.982



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, 12.632, 214.358



65, 18.101, 214.620



46, 15.743, 272.782



28, 2.604, 213.981



43, 26.844, 223.777



1, 1.237, 213.858

Inverse Universe

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



46, 25.441, 330.571



56, 37.243, 330.957



52, 16.040, 84.665



27, 4.906, 329.341



30, 63.446, 335.039



0, 2.263, 328.838

Previews

White Background



This preview shows how the CIELCh color 52, 12.632, 214.363 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, 12.632, 214.363 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, 12.632, 214.363

Background



This preview shows how black text looks on a background with the CIELCh color 52, 12.632, 214.363.

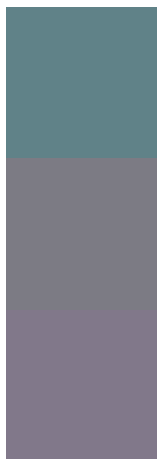


This preview shows how white text looks on a background with the CIELCh color 52, 12.632, 214.363.

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, 12.632, 214.363

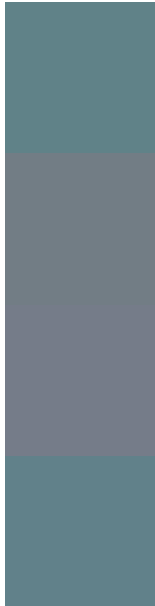
Protanopia
52, 5.254, 295.086

Deuteranopia
52, 11.084, 309.633



Tritanopia
52, 12.860, 228.401

Trichromacy



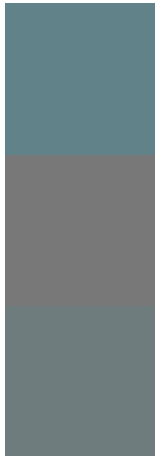
Original Color
52, 12.632, 214.363

Protanomaly
52, 6.175, 248.147

Deuteranomaly
52, 7.943, 271.720

Tritanomaly
52, 12.447, 223.371

Monochromacy



Original Color
52, 12.632, 214.363

Achromatopsia
50, 0.007, 296.813

Achromatomaly
51, 5.136, 212.112

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 12.632, 214.363 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(96, 130, 136)` looks like.

```
.text, #text, p{  
    color:rgb(96, 130, 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(96, 130, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 130, 136) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 12.632, 214.363 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(96, 130, 136) }
```

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

```
.border{ border-color:rgb(96, 130, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 130, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 130, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 130, 136);  
box-shadow:4px 4px 4px 4px rgb(96, 130,  
136) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 12.632, 214.363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 130, 136) }
```

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

```
.background{ background-color: rgb(96, 130,  
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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