

Converting Colors

CIELCh(52, 11.570, 144.399)

Have a look what the booklet for
CIELCh(52, 11.570, 144.399)
contains.

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Color

CIELCh(52, 11.358, 143.736)

Conversions

Conversions Part 1

Format	Color
Hex	708070
RGB	112, 128, 112
RGB Percent	44%, 50%, 44%
CMY	0.5598, 0.4970, 0.5598
CMYK	0.12, 0.00, 0.12, 0.50
HSL	120°, 7%, 47%
HSV	120°, 12%, 50%
XYZ	17.4074, 20.1443, 18.3751
YIQ	121.3920, -4.4000, -8.3680

Conversions

Conversions Part 2

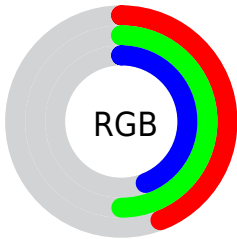
Format	Color
R_{YB}	112, 128, 128
Decimal	7372912
CIE _{Lab}	52.00, -9.16, 6.72
CIE _{LCh}	52, 11.358, 143.736
Yxy	20.1443, 0.3113, 0.3602
Android (android.graphics.Color)	4285562992 (0xFF708070)
YUV	121.3920, -4.6303, -8.2368
Hunter-Lab	44.8824, -9.3141, 7.1441

Details

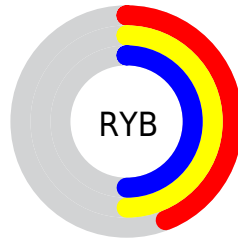
The CIELCh color $52, 11.358, 143.736$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $49, 11.373, 325.081$, and the grayscale version is $51, 0.007, 296.813$.

A 20% lighter version of the original color is $72, 11.306, 143.917$, and $32, 11.616, 143.372$ is the 20% darker color. If you saturate the color by 10%, you get $51, 20.530, 143.040$, and if you desaturate by 10%, it is $53, 2.238, 144.392$.

Distribution



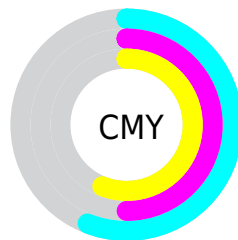
- Red (44%)
- Green (50%)
- Blue (44%)



- Red (44%)
- Yellow (50%)
- Blue (50%)



- Cyan (12%)
- Magenta (0%)
- Yellow (12%)
- Black (50%)





- Cyan (56%)
- Magenta (50%)
- Yellow (56%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 11.358, 143.736 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, 11.358, 143.736 by changing the saturation by 10% instead.


 52, 11.358,
143.736


 52, 11.358,
143.736


 100, 11.358,
143.736


 42, 11.358,
143.736


 72, 11.358,
143.736

 32, 11.358,
143.736

 82, 11.358,
143.736

 22, 11.358,
143.736

 92, 11.358,
143.736

 12, 11.358,
143.736

 2, 11.358, 143.736

 0, 11.358, 143.736

■ 52, 11.358,
143.736

■ 52, 11.358,
143.736

■ 51, 20.530,
143.040

■ 53, 2.238, 144.392

■ 50, 29.622,
142.237

■ 55, 6.743, 324.782

■ 49, 38.465,
141.322

■ 56, 15.521,
325.224

■ 48, 46.846,
140.303

■ 58, 24.055,
325.590

■ 47, 54.497,
139.218

■ 60, 32.325,
325.901

■ 47, 61.107,
138.137

■ 62, 40.322,
326.166

■ 47, 66.333,
137.174


■ 64, 48.046,
326.394

■ 46, 69.874,

■ 66, 55.504,
326.589

136.460

 68, 62.707,
326.758

 46, 71.959,
136.016

Harmonies

Complementary

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



52, 11.358, 143.736



49, 11.373, 325.081

Rectangle

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



52, 11.358, 143.736



52, 11.358, 193.736



52, 11.358, 323.736



52, 11.358, 13.736

Sweetspot

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



52, 11.359, 143.736



67, 4.460, 144.271



53, 9.049, 108.337



35, 3.197, 144.226



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



52, 11.359, 143.736



66, 16.860, 143.547



52, 8.001, 161.798



26, 5.094, 143.953



46, 71.649, 136.016



0, 0.000, 0.000

Inverse Universe

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



49, 11.373, 325.081



62, 16.877, 325.235



49, 8.117, 343.727



25, 5.102, 324.897



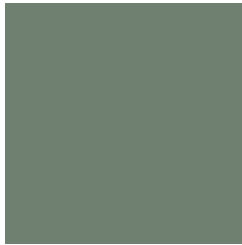
30, 69.130, 328.232



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 52, 11.358, 143.736 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, 11.358, 143.736 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

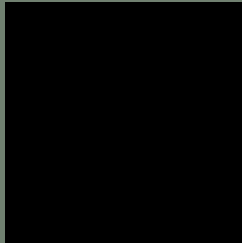
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 11.358, 143.736

Background



This preview shows how black text looks on a background with the CIELCh color 52, 11.358, 143.736.

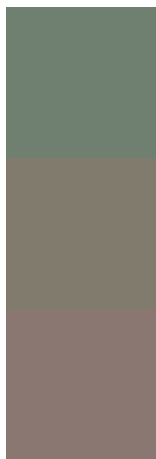


This preview shows how white text looks on a background with the CIELCh color 52, 11.358, 143.736.

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

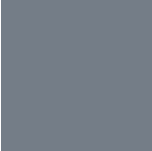
52, 11.358, 143.736

Protanopia

52, 7.923, 90.727

Deuteranopia

52, 8.878, 39.169



Tritanopia
52, 6.664, 260.113

Trichromacy



Original Color
52, 11.358, 143.736

Protanomaly
52, 8.136, 114.976

Deuteranomaly
52, 5.960, 80.324

Tritanomaly
52, 4.303, 206.823

Monochromacy



Original Color
52, 11.358, 143.736

Achromatopsia
51, 0.007, 296.813

Achromatomaly
51, 4.259, 144.222

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 11.358, 143.736 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(112, 128, 112)` looks like.

```
.text, #text, p{  
    color:rgb(112, 128, 112)  
}
```

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(112, 128, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 128, 112) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 11.358, 143.736 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(112, 128, 112) }
```

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

```
.border{ border-color:rgb(112, 128, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 128, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(112, 128, 112); -webkit-box-shadow:4px 4px 4px 4px rgb(112, 128, 112); box-shadow:4px 4px 4px 4px rgb(112, 128, 112) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 11.358, 143.736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 128, 112) }
```

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

```
.background{ background-color: rgb(112,  
128, 112) }
```

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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