

Converting Colors

CIELCh(52, 11.214, 104.743)

Have a look what the booklet for
CIELCh(52, 11.214, 104.743)
contains.

CIELCh(52, 11.562, 104.504)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(52, 11.562, 104.504)

Conversions

Conversions Part 1

Format	Color
Hex	7F7D69
RGB	127, 125, 105
RGB Percent	50%, 49%, 41%
CMY	0.5026, 0.5104, 0.5888
CMYK	0.00, 0.02, 0.17, 0.50
HSL	55°, 9%, 45%
HSV	55°, 17%, 50%
XYZ	18.5847, 20.1443, 16.2321
YIQ	123.3180, 7.6120, -5.7960

Conversions

Conversions Part 2

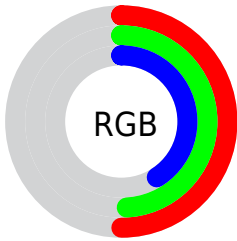
Format	Color
RYB	107, 127, 105
Decimal	8355177
CIELab	52.00, -2.90, 11.19
CIELCh	52, 11.562, 104.504
Yxy	20.1443, 0.3381, 0.3665
Android (android.graphics.Color)	4286545257 (0xFF7F7D69)
YUV	123.3180, -9.0308, 3.2291
Hunter-Lab	44.8824, -4.6318, 9.9749

Details

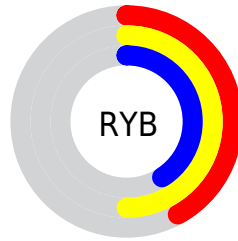
The CIELCh color $52, 11.562, 104.504$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $46, 11.921, 288.194$, and the grayscale version is $52, 0.007, 296.813$.

A 20% lighter version of the original color is $72, 11.925, 105.233$, and $32, 11.336, 103.354$ is the 20% darker color. If you saturate the color by 10%, you get $51, 18.203, 103.491$, and if you desaturate by 10%, it is $53, 4.891, 105.509$.

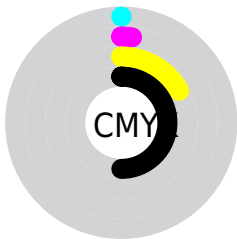
Distribution



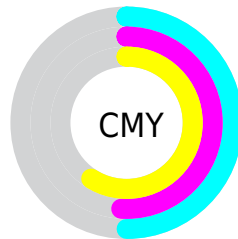
- Red (50%)
- Green (49%)
- Blue (41%)



- Red (42%)
- Yellow (50%)
- Blue (41%)



- Cyan (0%)
- Magenta (2%)
- Yellow (17%)
- Black (50%)





- Cyan (50%)
- Magenta (51%)
- Yellow (59%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 11.562, 104.504 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, 11.562, 104.504 by changing the saturation by 10% instead.


 52, 11.562,
104.504


 52, 11.562,
104.504


 100, 11.562,
104.504


 42, 11.562,
104.504


 72, 11.562,
104.504

 32, 11.562,
104.504

 82, 11.562,
104.504

 22, 11.562,
104.504

 92, 11.562,
104.504

 12, 11.562,
104.504

 2, 11.562, 104.504

 0, 11.562, 104.504

■ 52, 11.562,
104.504

■ 52, 11.562,
104.504

■ 51, 18.203,
103.491

■ 53, 4.891, 105.509

■ 51, 24.758,
102.466

■ 53, 1.780, 286.549

■ 54, 8.431, 287.470

■ 50, 31.146,
101.449

■ 55, 15.050,
288.385

■ 50, 37.232,
100.459

■ 56, 21.627,
289.263

■ 49, 42.812, 99.511

■ 56, 28.158,
290.102

■ 49, 47.593, 98.626

■ 57, 34.639,
290.899

■ 49, 51.215, 97.818

■ 48, 53.619, 97.082

■ 58, 41.068,
291.653

■ 48, 54.254, 96.892

■ 59, 47.442,
292.367

Harmonies

Complementary

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



52, 11.562, 104.504



46, 11.921, 288.194

Rectangle

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



52, 11.562, 104.504



52, 11.562, 154.504



52, 11.562, 284.504



52, 11.562, 334.504

Sweetspot

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



52, 11.563, 104.510



68, 4.144, 105.723



46, 9.345, 12.601



35, 2.850, 105.667



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, 11.563, 104.510



66, 17.421, 104.087



52, 13.222, 124.677



27, 3.773, 105.336



48, 54.455, 96.889



0, 0.000, 0.000

Inverse Universe

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



46, 11.921, 288.194



57, 18.100, 288.741



46, 13.592, 306.374



25, 3.837, 287.214



14, 75.344, 304.596



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 52, 11.562, 104.504 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, 11.562, 104.504 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

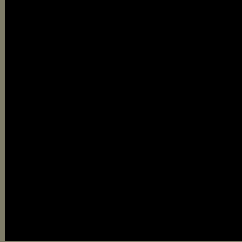
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

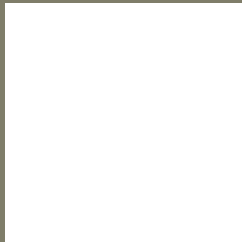
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 52, 11.562, 104.504

Background



This preview shows how black text looks on a background with the CIELCh color 52, 11.562, 104.504.



This preview shows how white text looks on a background with the CIELCh color 52, 11.562, 104.504.

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

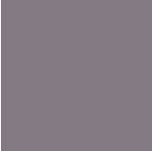
52, 11.562, 104.504

Protanopia

52, 11.922, 94.201

Deuteranopia

52, 12.494, 56.976



Tritanopia
52, 6.845, 322.045

Trichromacy



Original Color
52, 11.562, 104.504

Protanomaly
52, 11.737, 98.255

Deuteranomaly
52, 10.820, 72.773

Tritanomaly
52, 2.891, 31.120

Monochromacy



Original Color
52, 11.562, 104.504

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 4.628, 109.577

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 11.562, 104.504 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(127, 125, 105)` looks like.

```
.text, #text, p{  
    color:rgb(127, 125, 105)  
}
```

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(127, 125, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 125, 105) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 11.562, 104.504 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(127, 125, 105) }
```

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

```
.border{ border-color:rgb(127, 125, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 125, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 125, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 125, 105);  
box-shadow:4px 4px 4px 4px rgb(127, 125,  
105) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 11.562, 104.504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 125, 105) }
```

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

```
.background{ background-color: rgb(127,  
125, 105) }
```

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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