

Converting Colors

CIELCh(52, 16.874, 125.525)

Have a look what the booklet for
CIELCh(52, 16.874, 125.525)
contains.

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Color

CIELCh(52, 16.897, 125.517)

Conversions

Conversions Part 1

Format	Color
Hex	748064
RGB	116, 128, 100
RGB Percent	45%, 50%, 39%
CMY	0.5443, 0.4972, 0.6070
CMYK	0.09, 0.00, 0.22, 0.50
HSL	86°, 12%, 45%
HSV	86°, 22%, 50%
XYZ	17.2866, 20.1443, 15.0849
YIQ	121.2200, 1.8360, -11.2520

Conversions

Conversions Part 2

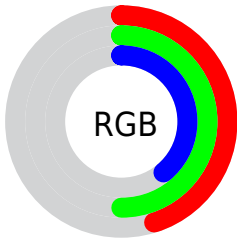
Format	Color
R_{YB}	100, 128, 112
Decimal	7635044
CIE _{Lab}	52.00, -9.82, 13.75
CIE _{LCh}	52, 16.897, 125.517
Y _{xy}	20.1443, 0.3292, 0.3836
Android (android.graphics.Color)	4285825124 (0xFF748064)
YUV	121.2200, -10.4615, -4.5779
Hunter-Lab	44.8824, -9.7945, 11.4905

Details

The CIELCh color $52, 16.897, 125.517$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $44, 17.470, 307.618$, and the grayscale version is $51, 0.007, 296.813$.

A 20% lighter version of the original color is $72, 17.017, 125.926$, and $32, 17.009, 124.866$ is the 20% darker color. If you saturate the color by 10%, you get $51, 24.559, 125.032$, and if you desaturate by 10%, it is $53, 9.167, 126.002$.

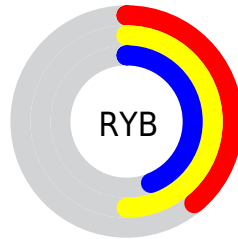
Distribution



Red (45%)

Green (50%)

Blue (39%)



Red (39%)

Yellow (50%)

Blue (44%)

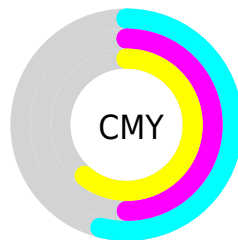


Cyan (9%)

Magenta (0%)

Yellow (22%)

Black (50%)



Cyan (54%)


Magenta (50%)


Yellow (61%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 16.897, 125.517 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, 16.897, 125.517 by changing the saturation by 10% instead.


 52, 16.897,
125.517


 52, 16.897,
125.517


 100, 16.897,
125.517


 42, 16.897,
125.517


 72, 16.897,
125.517

 32, 16.897,
125.517

 82, 16.897,
125.517

 22, 16.897,
125.517

 92, 16.897,
125.517

 12, 16.897,
125.517

 2, 16.897, 125.517

 0, 16.897, 125.517

■ 52, 16.897,
125.517

■ 52, 16.897,
125.517

■ 51, 24.559,
125.032

■ 53, 9.167, 126.002

■ 51, 32.066,
124.561

■ 54, 1.421, 126.502

■ 54, 6.296, 306.875

■ 50, 39.299,
124.140

■ 55, 13.956,
307.282

■ 50, 46.089,
123.825

■ 56, 21.536,
307.652

■ 49, 52.195,
123.694

■ 57, 29.022,
307.989

■ 49, 57.318,
123.851

■ 58, 36.402,
308.295

■ 48, 61.157,
124.406

■ 59, 43.669,
308.572

■ 48, 63.723,

124.976

■ 60, 50.819,
308.822

Harmonies

Complementary

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



52, 16.897, 125.517



44, 17.470, 307.618

Rectangle

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



52, 16.897, 125.517



52, 16.897, 175.517



52, 16.897, 305.517



52, 16.897, 355.517

Sweetspot

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



52, 16.898, 125.519



67, 6.676, 126.225



48, 9.858, 63.647



35, 4.372, 126.204



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, 16.898, 125.519



66, 24.782, 125.288



51, 19.409, 140.976



27, 4.339, 126.133



48, 63.462, 124.967



0, 0.000, 0.000

Inverse Universe

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



44, 17.470, 307.618



55, 25.820, 307.885



46, 19.487, 323.211



25, 4.403, 306.949



17, 75.507, 310.743



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 52, 16.897, 125.517 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, 16.897, 125.517 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

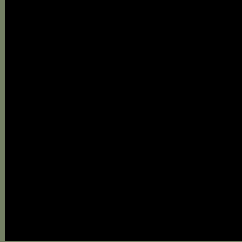
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

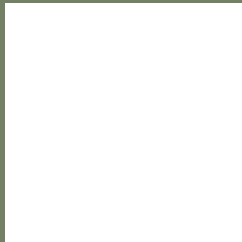
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 52, 16.897, 125.517

Background



This preview shows how black text looks on a background with the CIELCh color 52, 16.897, 125.517.



This preview shows how white text looks on a background with the CIELCh color 52, 16.897, 125.517.

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, 16.897, 125.517

Protanopia

52, 15.386, 95.230

Deuteranopia

52, 14.444, 62.717



Tritanopia
52, 5.900, 279.657

Trichromacy



Original Color
52, 16.897, 125.517

Protanomaly
52, 15.523, 108.191

Deuteranomaly
52, 13.054, 87.310

Tritanomaly
52, 3.646, 159.658

Monochromacy



Original Color
52, 16.897, 125.517

Achromatopsia
51, 0.007, 296.813

Achromatomaly
51, 6.712, 127.086

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 16.897, 125.517 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(116, 128, 100)` looks like.

```
.text, #text, p{  
    color:rgb(116, 128, 100)  
}
```

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(116, 128, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 128, 100) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 16.897, 125.517 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(116, 128, 100) }
```

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

```
.border{ border-color:rgb(116, 128, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 128, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(116, 128, 100); -webkit-box-shadow:4px 4px 4px 4px rgb(116, 128, 100); box-shadow:4px 4px 4px 4px rgb(116, 128, 100) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 16.897, 125.517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 128, 100) }
```

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

```
.background{ background-color: rgb(116,  
128, 100) }
```

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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