

Converting Colors

CIELCh(52, 17.508, 302.584)

Have a look what the booklet for
CIELCh(52, 17.508, 302.584)
contains.

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Color

CIELCh(52, 17.186, 302.146)

Conversions

Conversions Part 1

Format	Color
Hex	807895
RGB	128, 120, 149
RGB Percent	50%, 47%, 58%
CMY	0.4986, 0.5299, 0.4162
CMYK	0.14, 0.19, 0.00, 0.42
HSL	257°, 12%, 53%
HSV	257°, 19%, 58%
XYZ	20.9951, 20.1443, 31.1562
YIQ	125.6980, -4.5410, 10.7150

Conversions

Conversions Part 2

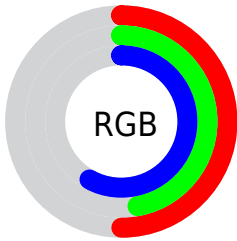
Format	Color
RYB	128, 120, 149
Decimal	8419477
CIELab	52.00, 9.14, -14.55
CIELCh	52, 17.186, 302.146
Yxy	20.1443, 0.2904, 0.2786
Android (android.graphics.Color)	4286609557 (0xFF807895)
YUV	125.6980, 11.4879, 2.0189
Hunter-Lab	44.8824, 4.9544, -9.7398

Details

The CIELCh color $52, 17.186, 302.146$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $60, 16.550, 119.753$, and the grayscale version is $53, 0.007, 296.813$.

A 20% lighter version of the original color is $72, 17.263, 302.392$, and $32, 16.771, 302.366$ is the 20% darker color. If you saturate the color by 10%, you get $47, 26.464, 302.921$, and if you desaturate by 10%, it is $57, 8.217, 301.457$.

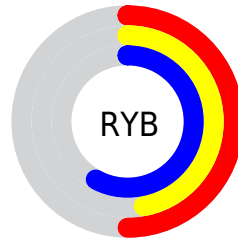
Distribution



Red (50%)

Green (47%)

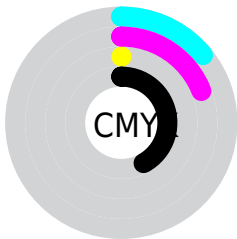
Blue (58%)



Red (50%)

Yellow (47%)

Blue (58%)

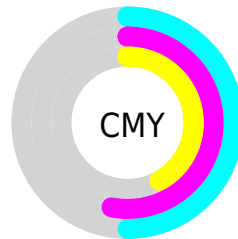


Cyan (14%)

Magenta (19%)

Yellow (0%)

Black (42%)



Cyan (50%)


Magenta (53%)

Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 17.186, 302.146 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, 17.186, 302.146 by changing the saturation by 10% instead.


 52, 17.186,
302.146


 52, 17.186,
302.146


 100, 17.186,
302.146


 42, 17.186,
302.146


 72, 17.186,
302.146

 32, 17.186,
302.146

 82, 17.186,
302.146

 22, 17.186,
302.146

 92, 17.186,
302.146

 12, 17.186,
302.146

 2, 17.186, 302.146

 0, 17.186, 302.146

■ 52, 17.186,
302.146

■ 52, 17.186,
302.146

■ 47, 26.464,
302.921

■ 57, 8.217, 301.457

■ 62, 0.438, 120.932

■ 42, 36.035,
303.783

■ 67, 8.793, 120.340

■ 37, 45.831,
304.720

■ 72, 16.860,
119.884

■ 33, 55.699,
305.697

■ 77, 24.658,
119.491

■ 28, 65.332,
306.645

■ 81, 32.201,
119.152

■ 24, 74.179,
307.448

■ 86, 39.506,
118.860

■ 21, 81.406,
307.940

■ 91, 46.588,
118.609

■ 19, 86.809,

308.152

■ 96, 53.460,
118.394

■ 19, 87.100,
308.173

Harmonies

Complementary

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



52, 17.186, 302.146



60, 16.550, 119.753

Rectangle

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



52, 17.186, 302.146



52, 17.186, 352.146



52, 17.186, 122.146



52, 17.186, 172.146

Sweetspot

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



52, 17.185, 302.145



75, 6.417, 301.244



57, 8.842, 228.807



39, 4.248, 301.280



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



52, 17.185, 302.145



64, 25.341, 302.444



53, 18.841, 318.622



29, 4.870, 301.439



17, 82.225, 308.235



0, 4.197, 300.887

Inverse Universe

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



54, 16.602, 334.607



67, 24.340, 334.892



59, 18.639, 136.908



29, 4.761, 333.889



30, 59.569, 342.682



1, 4.135, 333.324

Previews

White Background



This preview shows how the CIELCh color 52, 17.186, 302.146 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, 17.186, 302.146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

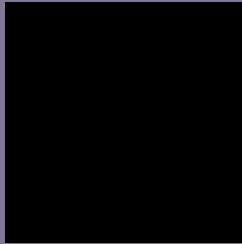
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 17.186, 302.146

Background



This preview shows how black text looks on a background with the CIELCh color 52, 17.186, 302.146.



This preview shows how white text looks on a background with the CIELCh color 52, 17.186, 302.146.

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, 17.186, 302.146

Protanopia

52, 16.319, 285.876

Deuteranopia

52, 16.352, 296.055



Tritanopia
52, 5.302, 299.285

Trichromacy



Original Color
52, 17.186, 302.146

Protanomaly
52, 16.277, 292.200

Deuteranomaly
52, 16.385, 297.338

Tritanomaly
52, 9.455, 300.645

Monochromacy



Original Color
52, 17.186, 302.146

Achromatopsia
53, 0.007, 296.813

Achromatomaly
53, 5.936, 302.217

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 17.186, 302.146 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(128, 120, 149)` looks like.

```
.text, #text, p{  
    color:rgb(128, 120, 149)  
}
```

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(128, 120, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 120, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 17.186, 302.146 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(128, 120, 149) }
```

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

```
.border{ border-color:rgb(128, 120, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 120, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 120, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 120, 149);  
box-shadow:4px 4px 4px 4px rgb(128, 120,  
149) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 17.186, 302.146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 120, 149) }
```

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

```
.background{ background-color: rgb(128,  
120, 149) }
```

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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