

Converting Colors

CIELCh(52, 17.982, 156.561)

Have a look what the booklet for
CIELCh(52, 17.982, 156.561)
contains.

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Color

CIELCh(52, 18.226, 155.768)

Conversions

Conversions Part 1

Format	Color
Hex	62846F
RGB	98, 132, 111
RGB Percent	38%, 52%, 44%
CMY	0.6168, 0.4835, 0.5658
CMYK	0.26, 0.00, 0.16, 0.48
HSL	143°, 15%, 45%
HSV	143°, 26%, 52%
XYZ	16.0707, 20.1443, 17.9975
YIQ	119.4400, -13.5230, -13.7390

Conversions

Conversions Part 2

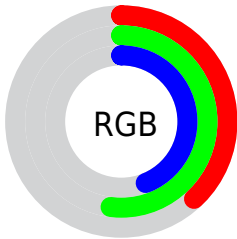
Format	Color
R_{YB}	98, 123, 132
Decimal	6456431
CIE _{Lab}	52.00, -16.62, 7.48
CIE _{LCh}	52, 18.226, 155.768
Yxy	20.1443, 0.2964, 0.3716
Android (android.graphics.Color)	4284646511 (0xFF62846F)
YUV	119.4400, -4.1609, -18.8029
Hunter-Lab	44.8824, -14.6301, 7.6429

Details

The CIELCh color $52, 18.226, 155.768$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $45, 18.527, 339.771$, and the grayscale version is $50, 0.007, 296.813$.

A 20% lighter version of the original color is $72, 18.063, 156.580$, and $32, 18.201, 155.705$ is the 20% darker color. If you saturate the color by 10%, you get $51, 25.169, 154.767$, and if you desaturate by 10%, it is $53, 11.170, 156.655$.

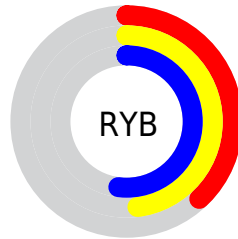
Distribution



Red (38%)

Green (52%)

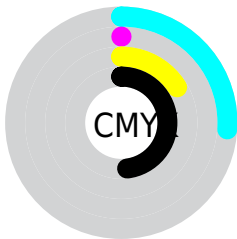
Blue (44%)



Red (38%)

Yellow (48%)

Blue (52%)

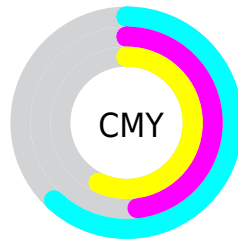


Cyan (26%)

Magenta (0%)

Yellow (16%)

Black (48%)



Cyan (62%)


Magenta (48%)


Yellow (57%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 18.226, 155.768 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, 18.226, 155.768 by changing the saturation by 10% instead.


 52, 18.226,
155.768


 52, 18.226,
155.768


 100, 18.226,
155.768


 42, 18.226,
155.768


 72, 18.226,
155.768

 32, 18.226,
155.768

 82, 18.226,
155.768

 22, 18.226,
155.768

 92, 18.226,
155.768

 12, 18.226,
155.768

 2, 18.226, 155.768

 0, 18.226, 155.768

■ 52, 18.226,
155.768

■ 52, 18.226,
155.768

■ 51, 25.169,
154.767

■ 53, 11.170,
156.655

■ 50, 31.888,
153.630

■ 54, 4.089, 157.475

■ 56, 2.943, 338.013

■ 50, 38.269,
152.336

■ 57, 9.870, 338.701

■ 49, 44.195,
150.866

■ 59, 16.651,
339.277

■ 48, 49.562,
149.208

■ 60, 23.260,
339.797

■ 48, 54.297,
147.367

■ 62, 29.681,
340.272

■ 48, 58.400,
145.398

■ 64, 35.905,
340.710

■ 48, 60.025,

144.635

■ 65, 41.931,
341.115

Harmonies

Complementary

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



52, 18.226, 155.768



45, 18.527, 339.771

Rectangle

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



52, 18.226, 155.768



52, 18.226, 205.768



52, 18.226, 335.768



52, 18.226, 25.768

Sweetspot

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



52, 18.227, 155.767



69, 6.976, 157.279



53, 20.124, 122.975



36, 4.999, 157.170



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



52, 18.227, 155.767



66, 27.019, 155.193



52, 13.051, 186.408



27, 3.999, 157.202



47, 59.441, 144.664



1, 0.957, 157.828

Inverse Universe

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



45, 18.527, 339.771



56, 27.544, 340.283



45, 14.765, 10.971



26, 4.028, 338.433



28, 53.754, 350.480



0, 0.957, 337.819

Previews

White Background



This preview shows how the CIELCh color 52, 18.226, 155.768 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, 18.226, 155.768 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

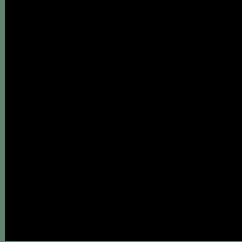
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

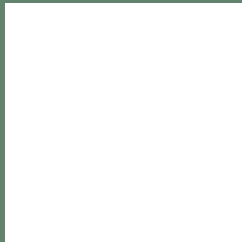
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 52, 18.226, 155.768

Background



This preview shows how black text looks on a background with the CIELCh color 52, 18.226, 155.768.



This preview shows how white text looks on a background with the CIELCh color 52, 18.226, 155.768.

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, 18.226, 155.768

Protanopia
52, 10.266, 92.116

Deuteranopia
52, 9.111, 42.518



Tritanopia
52, 10.639, 231.901

Trichromacy



Original Color
52, 18.226, 155.768

Protanomaly
52, 10.936, 126.466

Deuteranomaly
52, 6.941, 109.283

Tritanomaly
52, 10.557, 195.167

Monochromacy



Original Color
52, 18.226, 155.768

Achromatopsia
50, 0.007, 296.813

Achromatomaly
51, 7.029, 157.196

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 18.226, 155.768 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(98, 132, 111)` looks like.

```
.text, #text, p{  
    color:rgb(98, 132, 111)  
}
```

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(98, 132, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 132, 111) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 18.226, 155.768 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(98, 132, 111) }
```

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

```
.border{ border-color:rgb(98, 132, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 132, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 132, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 132, 111);  
box-shadow:4px 4px 4px 4px rgb(98, 132,  
111) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 18.226, 155.768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 132, 111) }
```

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

```
.background{ background-color: rgb(98, 132,  
111) }
```

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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