

Converting Colors

CIELCh(48, 16.281, 156.093)

Have a look what the booklet for
CIELCh(48, 16.281, 156.093)
contains.

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Color

CIELCh(48, 16.538, 155.195)

Conversions

Conversions Part 1

Format	Color
Hex	5B7966
RGB	91, 121, 102
RGB Percent	36%, 47%, 40%
CMY	0.6439, 0.5263, 0.6008
CMYK	0.25, 0.00, 0.16, 0.53
HSL	142°, 14%, 41%
HSV	142°, 25%, 47%
XYZ	13.4958, 16.7945, 15.0493
YIQ	109.8640, -11.7810, -12.2690

Conversions

Conversions Part 2

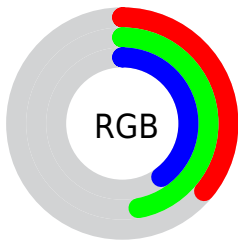
Format	Color
R_{YB}	91, 113, 121
Decimal	5994854
CIE Lab	48.00, -15.01, 6.94
CIE LCh	48, 16.538, 155.195
Yxy	16.7945, 0.2977, 0.3704
Android (android.graphics.Color)	4284184934 (0xFF5B7966)
YUV	109.8640, -3.8770, -16.5437
Hunter-Lab	40.9810, -12.9333, 6.9140

Details

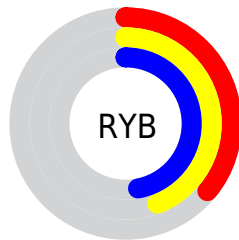
The CIELCh color $48, 16.538, 155.195$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $42, 16.777, 338.928$, and the grayscale version is $46, 0.006, 296.813$.

A 20% lighter version of the original color is $68, 16.160, 155.238$, and $28, 16.465, 155.201$ is the 20% darker color. If you saturate the color by 10%, you get $47, 23.110, 154.226$, and if you desaturate by 10%, it is $49, 9.876, 156.054$.

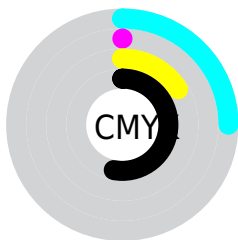
Distribution



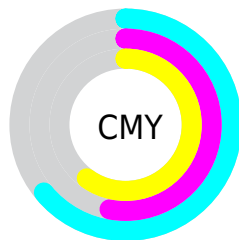
- Red (36%)
- Green (47%)
- Blue (40%)



- Red (36%)
- Yellow (44%)
- Blue (47%)



- Cyan (25%)
- Magenta (0%)
- Yellow (16%)
- Black (53%)





- Cyan (64%)
- Magenta (53%)
- Yellow (60%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 48, 16.538, 155.195 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 48, 16.538, 155.195 by changing the saturation by 10% instead.


 48, 16.538,
155.195


 48, 16.538,
155.195


 100, 16.538,
155.195


 38, 16.538,
155.195

 68, 16.538,
155.195


 28, 16.538,
155.195

 78, 16.538,
155.195

 18, 16.538,
155.195


 88, 16.538,
155.195

 8, 16.538, 155.195

 98, 16.538,
155.195

 0, 16.538, 155.195

 48, 16.538,

 48, 16.538,

155.195

■ 47, 23.110,
154.226

■ 46, 29.490,
153.126

■ 46, 35.571,
151.873

■ 45, 41.244,
150.450

■ 45, 46.407,
148.846

■ 44, 50.985,
147.062

■ 44, 54.960,
145.149

■ 44, 56.894,
144.243

155.195

■ 49, 9.876, 156.054

■ 50, 3.202, 156.859

■ 51, 3.416, 337.380

■ 53, 9.929, 338.030

■ 54, 16.300,
338.585

■ 56, 22.507,
339.085

■ 57, 28.535,
339.542

■ 59, 34.378,
339.962

■ 61, 40.034,
340.350

Harmonies

Complementary

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



48, 16.538, 155.195



42, 16.777, 338.928

Rectangle

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



48, 16.538, 155.195



48, 16.538, 205.195



48, 16.538, 335.195



48, 16.538, 25.195

Sweetspot

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



48, 16.539, 155.194



64, 5.793, 156.665



49, 18.043, 123.037



33, 3.744, 156.632



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



48, 16.539, 155.194



61, 24.862, 154.635



48, 11.732, 186.509



25, 3.784, 156.513



45, 58.397, 144.161



87, 101.019, 142.942

Inverse Universe

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



42, 16.777, 338.928



52, 25.285, 339.421



42, 13.191, 10.825



24, 3.809, 337.706



27, 52.686, 349.117



55, 87.810, 350.678

Previews

White Background



This preview shows how the CIELCh color 48, 16.538, 155.195 looks on a white 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

Black Background



This preview shows how the CIE LCh color 48, 16.538, 155.195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

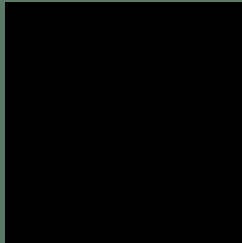
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 48, 16.538, 155.195

Background



This preview shows how black text looks on a background with the CIELCh color 48, 16.538, 155.195.

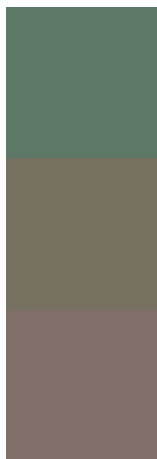


This preview shows how white text looks on a background with the CIELCh color 48, 16.538, 155.195.

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


48, 16.538, 155.195

Protanopia

48, 9.173, 92.675

Deuteranopia

48, 8.461, 44.666



Tritanopia
48, 9.621, 236.745

Trichromacy



Original Color
48, 16.538, 155.195

Protanomaly
48, 10.410, 125.254

Deuteranomaly
48, 6.459, 109.293

Tritanomaly
48, 9.179, 198.428

Monochromacy



Original Color
48, 16.538, 155.195

Achromatopsia
46, 0.006, 296.813

Achromatomaly
47, 6.131, 156.338

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 16.538, 155.195 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(91, 121, 102)` looks like.

```
.text, #text, p{  
    color:rgb(91, 121, 102)  
}
```

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(91, 121, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 121, 102) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 16.538, 155.195 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(91, 121, 102) }
```

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

```
.border{ border-color:rgb(91, 121, 102) }
```

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

Here you see how a box with a 4 pixel rgb(91, 121, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 121, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 121, 102);  
box-shadow:4px 4px 4px 4px rgb(91, 121,  
102) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 16.538, 155.195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 121, 102) }
```

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

```
.background{ background-color: rgb(91, 121,  
102) }
```

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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