

Converting Colors

CIELCh(50, 30.299, 4.669)

Have a look what the booklet for
CIELCh(50, 30.299, 4.669) contains.

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Color

CIELCh(50, 30.141, 4.807)

Conversions

Conversions Part 1

Format	Color
Hex	A86374
RGB	168, 99, 116
RGB Percent	66%, 39%, 45%
CMY	0.3424, 0.6128, 0.5462
CMYK	0.00, 0.41, 0.31, 0.34
HSL	345°, 28%, 52%
HSV	345°, 41%, 66%
XYZ	23.6572, 18.4187, 18.7488
YIQ	121.5690, 35.6670, 19.9150

Conversions

Conversions Part 2

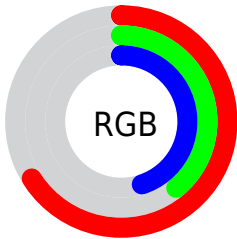
Format	Color
R_{YB}	168, 99, 116
Decimal	11035508
CIE _{Lab}	50.00, 30.03, 2.53
CIE _{LCh}	50, 30.141, 4.807
Yxy	18.4187, 0.3889, 0.3028
Android (android.graphics.Color)	4289225588 (0xFFA86374)
YUV	121.5690, -2.7455, 40.7200
Hunter-Lab	42.9170, 23.2904, 4.1403

Details

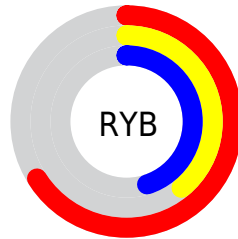
The CIELCh color **50, 30.141, 4.807** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **64, 25.992, 175.703**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **70, 30.180, 4.821**, and **30, 30.341, 4.800** is the 20% darker color. If you saturate the color by 10%, you get **46, 37.723, 6.750**, and if you desaturate by 10%, it is **54, 22.495, 3.227**.

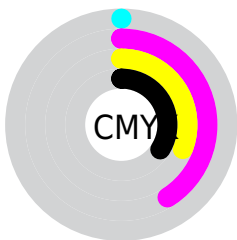
Distribution



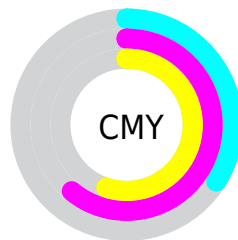
- Red (66%)
- Green (39%)
- Blue (45%)



- Red (66%)
- Yellow (39%)
- Blue (45%)



- Cyan (0%)
- Magenta (41%)
- Yellow (31%)
- Black (34%)






















- Cyan (34%)
- Magenta (61%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 50, 30.141, 4.807 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 50, 30.141, 4.807 by changing the saturation by 10% instead.

 50, 30.141, 4.807	 50, 30.141, 4.807
 100, 30.141, 4.807	 40, 30.141, 4.807
 70, 30.141, 4.807	 30, 30.141, 4.807
 80, 30.141, 4.807	 20, 30.141, 4.807
 90, 30.141, 4.807	 10, 30.141, 4.807
	 0, 30.141, 4.807

 50, 30.141, 4.807	 50, 30.141, 4.807
 46, 37.723, 6.750	 54, 22.495, 3.227
 43, 44.979, 9.173	 59, 14.982, 1.909
 40, 51.597, 12.230	 63, 7.719, 0.775

37, 57.308, 16.071

68, 0.766, 359.311

36, 62.017, 20.773

73, 5.854, 179.121

35, 65.738, 25.319

78, 12.143,
178.347

83, 18.117,
177.677

88, 23.798,
177.079

93, 29.213,
176.537

Harmonies

Complementary

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



50, 30.141, 4.807



64, 25.992, 175.703

Rectangle

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



50, 30.141, 4.807



50, 30.141, 54.807



50, 30.141, 184.807



50, 30.141, 234.807

Sweetspot

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



50, 30.139, 4.810



80, 10.284, 0.892



50, 43.972, 319.024



42, 6.895, 1.027



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



50, 30.139, 4.810



60, 44.531, 6.483



54, 25.364, 44.274



33, 3.921, 0.578



30, 59.679, 24.671



1, 6.904, 2.327

Inverse Universe

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



50, 30.139, 4.810



60, 44.531, 6.483



59, 19.194, 228.918



33, 3.921, 0.578



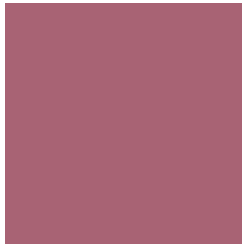
30, 59.679, 24.671



1, 6.904, 2.327

Previews

White Background



This preview shows how the CIELCh color 50, 30.141, 4.807 looks on a white background.

Color Contrast Check

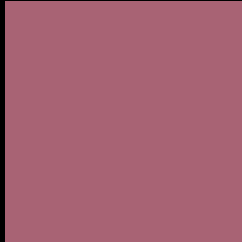
Large Text (above 18pt) WCAG AA ✓ Pass

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 50, 30.141, 4.807 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

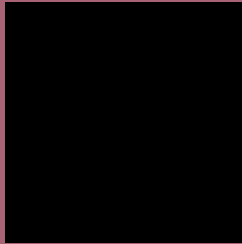
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 50, 30.141, 4.807

Background



This preview shows how black text looks on a background with the CIELCh color 50, 30.141, 4.807.



This preview shows how white text looks on a background with the CIELCh color 50, 30.141, 4.807.

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

50, 30.141, 4.807

Protanopia

50, 4.681, 290.792

Deuteranopia

50, 7.600, 28.982



Tritanopia
50, 28.917, 14.239

Trichromacy



Original Color
50, 30.141, 4.807

Protanomaly
50, 12.005, 348.619

Deuteranomaly
50, 15.768, 10.804

Tritanomaly
50, 28.937, 10.827

Monochromacy



Original Color
50, 30.141, 4.807

Achromatopsia
51, 0.007, 296.813

Achromatomaly
50, 10.854, 1.991

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 50, 30.141, 4.807 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(168, 99, 116)` looks like.

```
.text, #text, p{  
    color:rgb(168, 99, 116)  
}
```

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(168, 99, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 99, 116) }
```

Border

The CSS property to change the border of an element to CIELCh 50, 30.141, 4.807 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(168, 99, 116) }
```

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

```
.border{ border-color:rgb(168, 99, 116) }
```

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

Here you see how a box with a 4 pixel rgb(168, 99, 116) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 99, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 99, 116);  
box-shadow:4px 4px 4px 4px rgb(168, 99,  
116) }
```

Background

The CSS property to change the background color of an element to CIELCh 50, 30.141, 4.807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 99, 116) }
```

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

```
.background{ background-color: rgb(168, 99,  
116) }
```

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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