

Converting Colors

CIELCh(44, 16.600, 134.110)

Have a look what the booklet for
CIELCh(44, 16.600, 134.110)
contains.

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Color

CIELCh(44, 16.572, 134.119)

Conversions

Conversions Part 1

Format	Color
Hex	5C6D54
RGB	92, 109, 84
RGB Percent	36%, 43%, 33%
CMY	0.6394, 0.5727, 0.6708
CMYK	0.16, 0.00, 0.23, 0.57
HSL	101°, 13%, 38%
HSV	101°, 23%, 43%
XYZ	11.4700, 13.8382, 10.4439
YIQ	101.0670, -2.1070, -11.3790

Conversions

Conversions Part 2

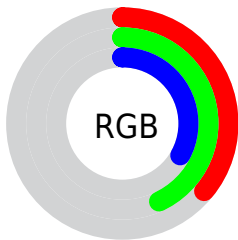
Format	Color
R _Y B	84, 109, 101
Decimal	6057300
CIE Lab	44.00, -11.54, 11.90
CIE LCh	44, 16.572, 134.119
Yxy	13.8382, 0.3208, 0.3871
Android (android.graphics.Color)	4284247380 (0xFF5C6D54)
YUV	101.0670, -8.4140, -7.9518
Hunter-Lab	37.1997, -10.0618, 9.3940

Details

The CIELCh color $44, 16.572, 134.119$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $38, 16.867, 316.016$, and the grayscale version is $43, 0.006, 296.813$.

A 20% lighter version of the original color is $64, 16.782, 135.123$, and $24, 16.093, 133.673$ is the 20% darker color. If you saturate the color by 10%, you get $43, 23.773, 133.626$, and if you desaturate by 10%, it is $45, 9.331, 134.582$.

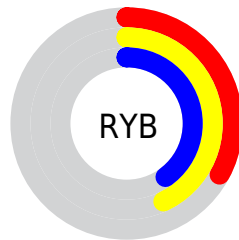
Distribution



Red (36%)

Green (43%)

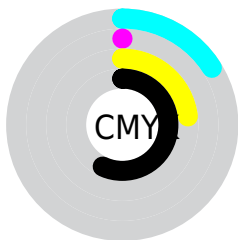
Blue (33%)



Red (33%)

Yellow (43%)

Blue (40%)

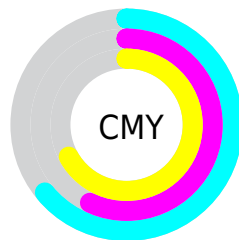


Cyan (16%)

Magenta (0%)

Yellow (23%)

Black (57%)



Cyan (64%)


Magenta (57%)


Yellow (67%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 16.572, 134.119 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 44, 16.572, 134.119 by changing the saturation by 10% instead.


 44, 16.572,
134.119


 44, 16.572,
134.119


 100, 16.572,
134.119


 34, 16.572,
134.119

 64, 16.572,
134.119


 24, 16.572,
134.119

 74, 16.572,
134.119

 14, 16.572,
134.119


 84, 16.572,
134.119

 4, 16.572, 134.119

 94, 16.572,
134.119

 0, 16.572, 134.119

 44, 16.572,

 44, 16.572,

134.119

■ 43, 23.773,
133.626

■ 43, 30.845,
133.113

■ 42, 37.669,
132.610

■ 41, 44.082,
132.165

■ 41, 49.867,
131.853

■ 41, 54.757,
131.777

■ 40, 58.513,
132.024

■ 40, 60.917,
132.110

134.119

■ 45, 9.331, 134.582

■ 46, 2.110, 135.039

■ 47, 5.045, 315.335

■ 48, 12.100,
315.676

■ 49, 19.034,
315.969

■ 50, 25.830,
316.223

■ 51, 32.481,
316.443

■ 52, 38.981,
316.634

■ 54, 45.330,

Harmonies

Complementary

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



44, 16.572, 134.119



38, 16.867, 316.016

Rectangle

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



44, 16.572, 134.119



44, 16.572, 184.119



44, 16.572, 314.119



44, 16.572, 4.119

Sweetspot

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



44, 16.573, 134.120



59, 6.283, 134.836



43, 10.650, 88.367



30, 4.055, 134.821



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

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



44, 16.573, 134.120



56, 25.246, 133.835



44, 16.308, 147.886



22, 3.987, 134.759



43, 64.291, 132.225



85, 111.667, 133.002

Inverse Universe

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



38, 16.867, 316.016



47, 25.807, 316.260



39, 16.358, 330.713



21, 4.019, 315.432



20, 67.564, 317.129



45, 116.664, 316.569

Previews

White Background



This preview shows how the CIE LCh color 44, 16.572, 134.119 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 CIELCh color 44, 16.572, 134.119 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

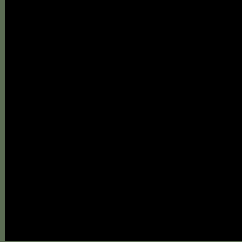
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 16.572, 134.119

Background



This preview shows how black text looks on a background with the CIELCh color 44, 16.572, 134.119.



This preview shows how white text looks on a background with the CIELCh color 44, 16.572, 134.119.

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

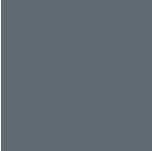
44, 16.572, 134.119

Protanopia

44, 14.035, 95.268

Deuteranopia

44, 12.326, 62.477



Tritanopia

44, 5.663, 257.268

Trichromacy



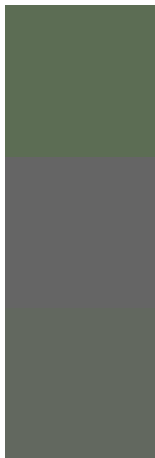
Original Color
44, 16.572, 134.119

Protanomaly
44, 14.260, 111.666

Deuteranomaly
44, 11.175, 92.508

Tritanomaly
44, 5.112, 170.871

Monochromacy



Original Color
44, 16.572, 134.119

Achromatopsia
43, 0.006, 296.813

Achromatomaly
43, 5.970, 134.345

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 16.572, 134.119 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(92, 109, 84)` looks like.

```
.text, #text, p{  
    color:rgb(92, 109, 84)  
}
```

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(92, 109, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 109, 84) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 16.572, 134.119 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(92, 109, 84) }
```

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

```
.border{ border-color:rgb(92, 109, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 109, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 109, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 109, 84);  
box-shadow:4px 4px 4px 4px rgb(92, 109,  
84) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 16.572, 134.119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 109, 84) }
```

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

```
.background{ background-color: rgb(92, 109,  
84) }
```

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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