

Converting Colors

CIELCh(44, 11.003, 312.672)

Have a look what the booklet for
CIELCh(44, 11.003, 312.672)
contains.

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Color

CIELCh(44, 11.003, 312.672)

Conversions

Conversions Part 1

Format	Color
Hex	6E6475
RGB	110, 100, 117
RGB Percent	43%, 39%, 46%
CMY	0.5669, 0.6061, 0.5394
CMYK	0.06, 0.14, 0.00, 0.54
HSL	275°, 8%, 43%
HSV	275°, 14%, 46%
XYZ	14.3238, 13.8382, 18.8860
YIQ	104.9280, 0.5030, 7.4070

Conversions

Conversions Part 2

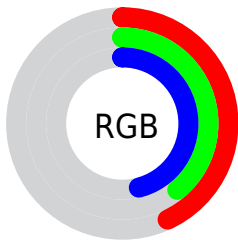
Format	Color
R_{YB}	110, 100, 117
Decimal	7234677
CIE Lab	44.00, 7.46, -8.09
CIE LCh	44, 11.003, 312.672
Yxy	13.8382, 0.3045, 0.2941
Android (android.graphics.Color)	4285424757 (0xFF6E6475)
YUV	104.9280, 5.9515, 4.4481
Hunter-Lab	37.1997, 3.6320, -4.0613

Details

The CIELCh color $44, 11.003, 312.672$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $48, 10.835, 131.506$, and the grayscale version is $45, 0.006, 296.813$.

A 20% lighter version of the original color is $64, 10.909, 313.279$, and $24, 11.375, 312.127$ is the 20% darker color. If you saturate the color by 10%, you get $40, 18.803, 313.111$, and if you desaturate by 10%, it is $48, 3.367, 312.238$.

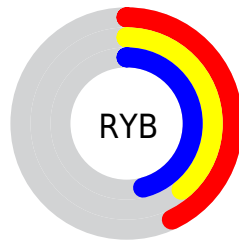
Distribution



Red (43%)

Green (39%)

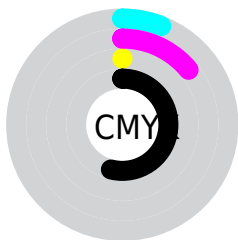
Blue (46%)



Red (43%)

Yellow (39%)

Blue (46%)

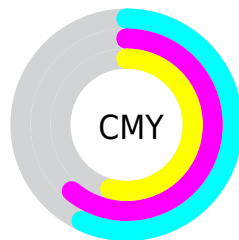


Cyan (6%)

Magenta (14%)

Yellow (0%)

Black (54%)



Cyan (57%)


Magenta (61%)

Yellow (54%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 11.003, 312.672 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, 11.003, 312.672 by changing the saturation by 10% instead.


 44, 11.003,
312.672


 44, 11.003,
312.672


 100, 11.003,
312.672


 34, 11.003,
312.672

 64, 11.003,
312.672


 24, 11.003,
312.672

 74, 11.003,
312.672

 14, 11.003,
312.672


 84, 11.003,
312.672

 4, 11.003, 312.672

 94, 11.003,
312.672

 0, 11.003, 312.672

 44, 11.003,

 44, 11.003,

312.672

40, 18.803,
313.111

37, 26.718,
313.561

33, 34.654,
314.004

30, 42.462,
314.412

27, 49.909,
314.743

24, 56.667,
314.938

21, 62.318,
314.924

19, 66.549,
314.647

312.672

48, 3.367, 312.238

51, 4.074, 131.909

55, 11.309,
131.544

59, 18.336,
131.224

63, 25.158,
130.938

66, 31.783,
130.684

70, 38.219,
130.460

74, 44.475,
130.262

■ 18, 68.825,
314.526

■ 78, 50.561,
130.089

Harmonies

Complementary

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



44, 11.003, 312.672



48, 10.835, 131.506

Rectangle

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



44, 11.003, 312.672



44, 11.003, 2.672



44, 11.003, 132.672



44, 11.003, 182.672

Sweetspot

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



44, 11.002, 312.671



61, 3.729, 312.220



45, 6.466, 265.813



31, 2.636, 312.249



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



44, 11.002, 312.671



55, 16.090, 312.799



45, 11.609, 327.546



23, 4.243, 312.437



19, 70.914, 314.479



43, 120.784, 313.884

Inverse Universe

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



44, 8.216, 349.936



56, 12.022, 350.228



48, 11.590, 145.921



23, 3.165, 349.411



25, 49.071, 8.544



53, 83.510, 11.600

Previews

White Background



This preview shows how the CIELCh color 44, 11.003, 312.672 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 44, 11.003, 312.672 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

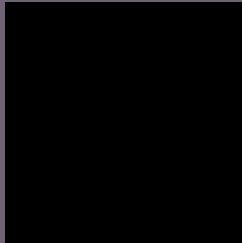
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 11.003, 312.672

Background



This preview shows how black text looks on a background with the CIELCh color 44, 11.003, 312.672.



This preview shows how white text looks on a background with the CIELCh color 44, 11.003, 312.672.

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, 11.003, 312.672

Protanopia

44, 9.612, 286.943

Deuteranopia

44, 10.038, 307.487



Tritanopia
44, 5.606, 321.303

Trichromacy



Original Color
44, 11.003, 312.672

Protanomaly
44, 9.653, 296.175

Deuteranomaly
44, 10.155, 309.653

Tritanomaly
44, 8.099, 317.708

Monochromacy



Original Color
44, 11.003, 312.672

Achromatopsia
44, 0.006, 296.813

Achromatomaly
44, 4.519, 311.756

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 11.003, 312.672 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(110, 100, 117)` looks like.

```
.text, #text, p{  
    color:rgb(110, 100, 117)  
}
```

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(110, 100, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 100, 117) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 11.003, 312.672 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(110, 100, 117) }
```

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

```
.border{ border-color:rgb(110, 100, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 100, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 100, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 100, 117);  
box-shadow:4px 4px 4px 4px rgb(110, 100,  
117) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 11.003, 312.672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 100, 117) }
```

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

```
.background{ background-color: rgb(110,  
100, 117) }
```

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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