

Converting Colors

CIELCh(46, 4.394, 290.787)

Have a look what the booklet for
CIELCh(46, 4.394, 290.787) contains.

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Color

CIELCh(46, 4.761, 290.845)

Conversions

Conversions Part 1

Format	Color
Hex	6C6C74
RGB	108, 108, 116
RGB Percent	42%, 42%, 45%
CMY	0.5752, 0.5752, 0.5438
CMYK	0.07, 0.07, 0.00, 0.54
HSL	240°, 4%, 44%
HSV	240°, 7%, 46%
XYZ	14.7902, 15.2687, 18.7885
YIQ	108.9120, -2.5680, 2.4880

Conversions

Conversions Part 2

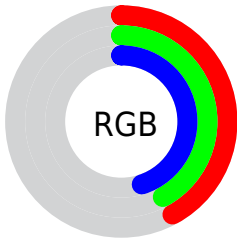
Format	Color
R _Y B	108, 108, 116
Decimal	7105652
CIE Lab	46.00, 1.69, -4.45
CIE LCh	46, 4.761, 290.845
Yxy	15.2687, 0.3028, 0.3126
Android (android.graphics.Color)	4285295732 (0xFF6C6C74)
YUV	108.9120, 3.4944, -0.7998
Hunter-Lab	39.0751, -0.8182, -1.1559

Details

The CIELCh color **46, 4.761, 290.845** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **49, 4.682, 109.535**, and the grayscale version is **46, 0.006, 296.813**.

A 20% lighter version of the original color is **66, 4.997, 290.713**, and **26, 4.590, 291.118** is the 20% darker color. If you saturate the color by 10%, you get **42, 11.897, 291.923**, and if you desaturate by 10%, it is **50, 2.109, 109.874**.

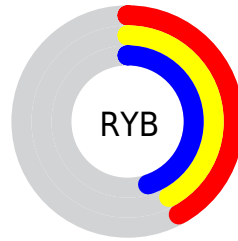
Distribution



Red (42%)

Green (42%)

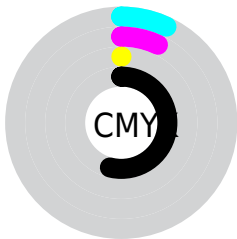
Blue (45%)



Red (42%)

Yellow (42%)

Blue (45%)

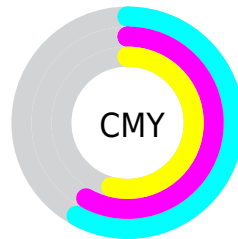


Cyan (7%)

Magenta (7%)

Yellow (0%)

Black (54%)



Cyan (58%)

Magenta (58%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 46, 4.761, 290.845 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 46, 4.761, 290.845 by changing the saturation by 10% instead.

■ 46, 4.761, 290.845	■ 46, 4.761, 290.845
□ 100, 4.761, 290.845	■ 36, 4.761, 290.845
■ 66, 4.761, 290.845	■ 26, 4.761, 290.845
■ 76, 4.761, 290.845	■ 16, 4.761, 290.845
■ 86, 4.761, 290.845	■ 6, 4.761, 290.845
■ 96, 4.761, 290.845	■ 0, 4.761, 290.845

■ 46, 4.761, 290.845	■ 46, 4.761, 290.845
■ 42, 11.897, 291.923	■ 50, 2.109, 109.874
■ 37, 19.323,	■ 55, 8.729, 109.092

293.200

59, 15.118,
108.408

33, 27.057,
294.688

63, 21.292,
107.819

29, 35.102,
296.403

67, 27.265,
107.308

24, 43.423,
298.333

71, 33.049,
106.864

20, 51.874,
300.418

75, 38.657,
106.477

17, 60.081,
302.510

79, 44.098,
106.138

14, 67.295,
304.358

83, 49.384,
105.839

12, 73.018,
305.805

Harmonies

Complementary

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



46, 4.761, 290.845



49, 4.682, 109.535

Rectangle

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



46, 4.761, 290.845



46, 4.761, 340.845



46, 4.761, 110.845



46, 4.761, 160.845

Sweetspot

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



46, 4.760, 290.837



61, 1.698, 290.389



48, 3.183, 197.746



32, 0.973, 290.377



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



46, 4.760, 290.837



58, 6.849, 290.970



46, 5.022, 308.762



22, 3.936, 291.056



12, 77.719, 306.283



32, 131.775, 306.286

Inverse Universe

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



46, 3.312, 19.682



59, 4.779, 19.784



48, 4.968, 128.209



23, 2.750, 19.848



24, 59.037, 37.981



52, 102.979, 39.995

Previews

White Background



This preview shows how the CIELCh color 46, 4.761, 290.845 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 46, 4.761, 290.845 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

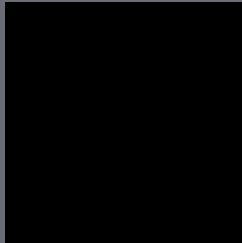
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

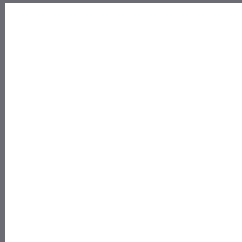
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 46, 4.761, 290.845

Background



This preview shows how black text looks on a background with the CIELCh color 46, 4.761, 290.845.



This preview shows how white text looks on a background with the CIELCh color 46, 4.761, 290.845.

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


46, 4.761, 290.845

Protanopia

46, 4.784, 295.613

Deuteranopia

46, 7.714, 322.387



Tritanopia
46, 5.356, 290.926

Trichromacy



Original Color
46, 4.761, 290.845

Protanomaly
46, 4.784, 295.613

Deuteranomaly
46, 6.445, 312.807

Tritanomaly
46, 5.356, 290.926

Monochromacy



Original Color
46, 4.761, 290.845

Achromatopsia
46, 0.006, 296.813

Achromatomaly
46, 1.786, 290.448

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 46, 4.761, 290.845 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(108, 108, 116)` looks like.

```
.text, #text, p{  
    color:rgb(108, 108, 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(108, 108, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 108, 116) }
```

Border

The CSS property to change the border of an element to CIELCh 46, 4.761, 290.845 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(108, 108, 116) }
```

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

```
.border{ border-color:rgb(108, 108, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 108, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 108, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 108, 116);  
box-shadow:4px 4px 4px 4px rgb(108, 108,  
116) }
```

Background

The CSS property to change the background color of an element to CIELCh 46, 4.761, 290.845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 108, 116) }
```

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

```
.background{ background-color: rgb(108,  
108, 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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