

Converting Colors

CIELCh(46, 5.540, 314.262)

Have a look what the booklet for
CIELCh(46, 5.540, 314.262) contains.

CIELCh(46, 5.899, 314.954)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(46, 5.899, 314.954)

Conversions

Conversions Part 1

Format	Color
Hex	716B74
RGB	113, 107, 116
RGB Percent	44%, 42%, 45%
CMY	0.5571, 0.5806, 0.5453
CMYK	0.03, 0.08, 0.00, 0.55
HSL	280°, 4%, 44%
HSV	280°, 8%, 45%
XYZ	15.2021, 15.2687, 18.6498
YIQ	109.8200, 0.6870, 4.0710

Conversions

Conversions Part 2

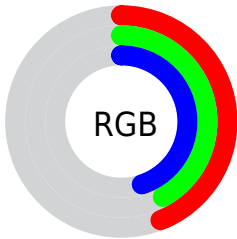
Format	Color
R_{YB}	113, 107, 116
Decimal	7433076
CIE Lab	46.00, 4.17, -4.17
CIE LCh	46, 5.899, 314.954
Yxy	15.2687, 0.3095, 0.3108
Android (android.graphics.Color)	4285623156 (0xFF716B74)
YUV	109.8200, 3.0467, 2.7889
Hunter-Lab	39.0751, 1.0633, -0.9453

Details

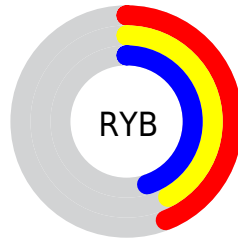
The CIELCh color $46, 5.899, 314.954$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $48, 5.852, 134.377$, and the grayscale version is $46, 0.006, 296.813$.

A 20% lighter version of the original color is $66, 6.172, 315.951$, and $26, 5.711, 313.733$ is the 20% darker color. If you saturate the color by 10%, you get $42, 13.636, 315.371$, and if you desaturate by 10%, it is $50, 1.674, 134.651$.

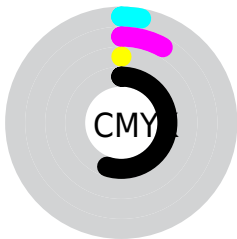
Distribution



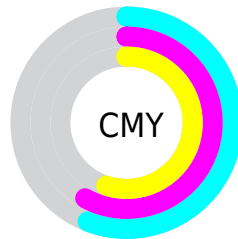
- Red (44%)
- Green (42%)
- Blue (45%)



- Red (44%)
- Yellow (42%)
- Blue (45%)



- Cyan (3%)
- Magenta (8%)
- Yellow (0%)
- Black (55%)



- Cyan (56%)
- Magenta (58%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 46, 5.899, 314.954 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, 5.899, 314.954 by changing the saturation by 10% instead.

■ 46, 5.899, 314.954

■ 46, 5.899, 314.954

■ 100, 5.899,
314.954

■ 36, 5.899, 314.954

■ 66, 5.899, 314.954

■ 26, 5.899, 314.954

■ 76, 5.899, 314.954

■ 16, 5.899, 314.954

■ 86, 5.899, 314.954

■ 6, 5.899, 314.954

■ 96, 5.899, 314.954

■ 0, 5.899, 314.954

■ 46, 5.899, 314.954

■ 46, 5.899, 314.954

■ 42, 13.636,
315.371

■ 50, 1.674, 134.651

■ 39, 21.495,

■ 53, 9.055, 134.233

315.794

57, 16.234,
133.893

35, 29.396,
316.212

61, 23.210,
133.586

32, 37.213,
316.603

64, 29.986,
133.308

29, 44.754,
316.937

68, 36.570,
133.059

26, 51.749,
317.171

71, 42.968,
132.836

24, 57.845,
317.250

75, 49.191,
132.637

21, 62.655,
317.110

79, 55.248,
132.461

20, 66.308,
316.792

Harmonies

Complementary

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



46, 5.899, 314.954



48, 5.852, 134.377

Rectangle

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



46, 5.899, 314.954



46, 5.899, 4.954



46, 5.899, 134.954



46, 5.899, 184.954

Sweetspot

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



46, 5.898, 314.952



61, 1.874, 314.673



46, 3.668, 270.770



32, 1.074, 314.661



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, 5.898, 314.952



58, 8.481, 315.014



46, 5.853, 329.248



23, 4.324, 315.006



21, 69.845, 316.683



46, 118.825, 316.142

Inverse Universe

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



46, 4.120, 354.297



58, 5.932, 354.446



48, 5.837, 148.419



23, 3.024, 354.428



25, 49.795, 15.853



53, 85.543, 19.198

Previews

White Background



This preview shows how the CIELCh color 46, 5.899, 314.954 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, 5.899, 314.954 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

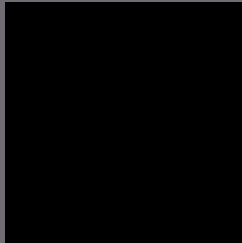
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

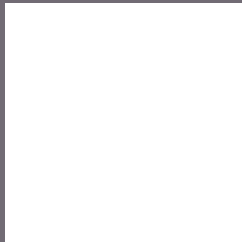
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 46, 5.899, 314.954

Background



This preview shows how black text looks on a background with the CIELCh color 46, 5.899, 314.954.



This preview shows how white text looks on a background with the CIELCh color 46, 5.899, 314.954.

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, 5.899, 314.954

Protanopia

46, 5.376, 295.151

Deuteranopia

46, 7.219, 324.866



Tritanopia
46, 5.365, 317.551

Trichromacy



Original Color

46, 5.899, 314.954

Protanomaly

46, 5.425, 299.338

Deuteranomaly

46, 7.000, 322.089

Tritanomaly

46, 5.365, 317.551

Monochromacy



Original Color

46, 5.899, 314.954

Achromatopsia

46, 0.006, 296.813

Achromatomaly

46, 1.971, 314.717

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 46, 5.899, 314.954 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(113, 107, 116)` looks like.

```
.text, #text, p{  
    color:rgb(113, 107, 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(113, 107, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 107, 116) }
```

Border

The CSS property to change the border of an element to CIELCh 46, 5.899, 314.954 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(113, 107, 116) }
```

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

```
.border{ border-color:rgb(113, 107, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 107, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 107, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 107, 116);  
box-shadow:4px 4px 4px 4px rgb(113, 107,  
116) }
```

Background

The CSS property to change the background color of an element to CIELCh 46, 5.899, 314.954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 107, 116) }
```

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

```
.background{ background-color: rgb(113,  
107, 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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