

Converting Colors

CIELCh(46, 8.274, 308.158)

Have a look what the booklet for
CIELCh(46, 8.274, 308.158) contains.

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Color

CIELCh(46, 8.122, 308.189)

Conversions

Conversions Part 1

Format	Color
Hex	716B78
RGB	113, 107, 120
RGB Percent	44%, 42%, 47%
CMY	0.5584, 0.5819, 0.5309
CMYK	0.06, 0.11, 0.00, 0.53
HSL	268°, 6%, 44%
HSV	268°, 11%, 47%
XYZ	15.3459, 15.2687, 19.7848
YIQ	110.2760, -0.5970, 5.3150

Conversions

Conversions Part 2

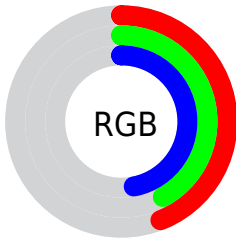
Format	Color
R_{YB}	113, 107, 120
Decimal	7433080
CIE Lab	46.00, 5.02, -6.38
CIE LCh	46, 8.122, 308.189
Yxy	15.2687, 0.3045, 0.3030
Android (android.graphics.Color)	4285623160 (0xFF716B78)
YUV	110.2760, 4.7939, 2.3889
Hunter-Lab	39.0751, 1.7206, -2.6676

Details

The CIELCh color **46, 8.122, 308.189** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **49, 7.993, 127.245**, and the grayscale version is **46, 0.006, 296.813**.

A 20% lighter version of the original color is **66, 8.227, 309.412**, and **26, 8.183, 306.858** is the 20% darker color. If you saturate the color by 10%, you get **42, 15.817, 308.684**, and if you desaturate by 10%, it is **50, 0.639, 307.634**.

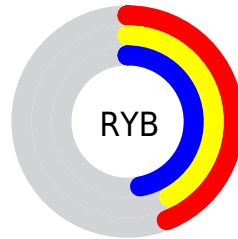
Distribution



Red (44%)

Green (42%)

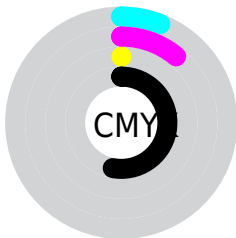
Blue (47%)



Red (44%)

Yellow (42%)

Blue (47%)

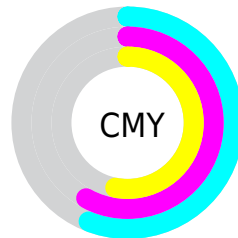


Cyan (6%)

Magenta (11%)

Yellow (0%)

Black (53%)



Cyan (56%)

Magenta (58%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 46, 8.122, 308.189 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, 8.122, 308.189 by changing the saturation by 10% instead.

■ 46, 8.122, 308.189

■ 46, 8.122, 308.189

■ 100, 8.122,
308.189

■ 36, 8.122, 308.189

■ 66, 8.122, 308.189

■ 26, 8.122, 308.189

■ 76, 8.122, 308.189

■ 16, 8.122, 308.189

■ 86, 8.122, 308.189

■ 6, 8.122, 308.189

■ 96, 8.122, 308.189

■ 0, 8.122, 308.189

■ 46, 8.122, 308.189

■ 46, 8.122, 308.189

■ 42, 15.817,
308.684

■ 50, 0.639, 307.634

■ 38, 23.705,

■ 54, 6.618, 127.355

309.217

58, 13.655,
126.991

34, 31.734,
309.777

62, 20.476,
126.673

31, 39.804,
310.342

66, 27.090,
126.395

27, 47.745,
310.873

69, 33.508,
126.153

24, 55.276,
311.313

73, 39.740,
125.942

21, 61.982,
311.577

77, 45.798,
125.760

18, 67.335,
311.556

81, 51.690,
125.604

16, 71.583,
311.482

Harmonies

Complementary

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



46, 8.122, 308.189



49, 7.993, 127.245

Rectangle

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



46, 8.122, 308.189



46, 8.122, 358.189



46, 8.122, 128.189



46, 8.122, 178.189

Sweetspot

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



46, 8.121, 308.187



63, 2.755, 307.811



48, 4.395, 251.162



33, 2.106, 307.848



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



46, 8.121, 308.187



58, 12.095, 308.306



47, 9.195, 323.614



23, 4.131, 308.099



17, 72.794, 311.455



39, 124.172, 310.848

Inverse Universe

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



46, 6.757, 342.429



59, 10.054, 342.637



49, 9.173, 142.543



23, 3.440, 342.273



25, 49.884, 356.920



54, 83.975, 359.187

Previews

White Background



This preview shows how the CIELCh color 46, 8.122, 308.189 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, 8.122, 308.189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

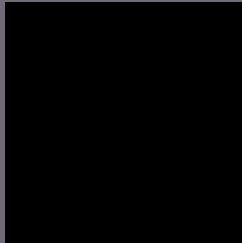
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 46, 8.122, 308.189

Background



This preview shows how black text looks on a background with the CIELCh color 46, 8.122, 308.189.



This preview shows how white text looks on a background with the CIELCh color 46, 8.122, 308.189.

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, 8.122, 308.189

Protanopia

46, 7.736, 288.369

Deuteranopia

46, 9.106, 314.349



Tritanopia
46, 5.745, 311.283

Trichromacy



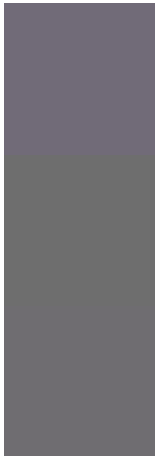
Original Color
46, 8.122, 308.189

Protanomaly
46, 7.796, 297.017

Deuteranomaly
46, 8.956, 311.988

Tritanomaly
46, 6.304, 309.417

Monochromacy



Original Color
46, 8.122, 308.189

Achromatopsia
46, 0.006, 296.813

Achromatomaly
46, 2.523, 309.184

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 46, 8.122, 308.189 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, 120)` looks like.

```
.text, #text, p{  
    color:rgb(113, 107, 120)  
}
```

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, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 107, 120) }
```

Border

The CSS property to change the border of an element to CIELCh 46, 8.122, 308.189 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, 120) }
```

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

```
.border{ border-color:rgb(113, 107, 120) }
```

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, 120) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 107, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 107, 120);  
box-shadow:4px 4px 4px 4px rgb(113, 107,  
120) }
```

Background

The CSS property to change the background color of an element to CIELCh 46, 8.122, 308.189 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, 120) }
```

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

```
.background{ background-color: rgb(113,  
107, 120) }
```

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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