

Converting Colors

CIELCh(46, 8.689, 291.167)

Have a look what the booklet for
CIELCh(46, 8.689, 291.167) contains.

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Color

CIELCh(46, 8.327, 291.327)

Conversions

Conversions Part 1

Format	Color
Hex	6C6C7A
RGB	108, 108, 122
RGB Percent	42%, 42%, 48%
CMY	0.5771, 0.5771, 0.5222
CMYK	0.11, 0.11, 0.00, 0.52
HSL	240°, 6%, 45%
HSV	240°, 11%, 48%
XYZ	15.0114, 15.2687, 20.5130
YIQ	109.5960, -4.4940, 4.3540

Conversions

Conversions Part 2

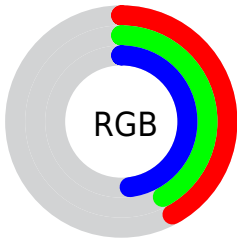
Format	Color
R_{YB}	108, 108, 122
Decimal	7105658
CIE Lab	46.00, 3.03, -7.76
CIE LCh	46, 8.327, 291.327
Yxy	15.2687, 0.2955, 0.3006
Android (android.graphics.Color)	4285295738 (0xFF6C6C7A)
YUV	109.5960, 6.1152, -1.3997
Hunter-Lab	39.0751, 0.1924, -3.7725

Details

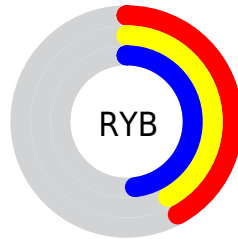
The CIELCh color `46, 8.327, 291.327` is a dark color, and the websafe version is hex `666666`. A complement of this color would be `51, 8.118, 109.112`, and the grayscale version is `46, 0.006, 296.813`.

A 20% lighter version of the original color is `66, 8.323, 291.053`, and `26, 7.863, 291.764` is the 20% darker color. If you saturate the color by 10%, you get `41, 15.878, 292.502`, and if you desaturate by 10%, it is `50, 1.064, 290.351`.

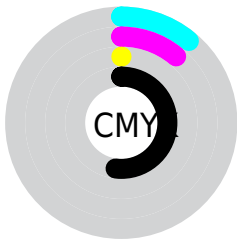
Distribution



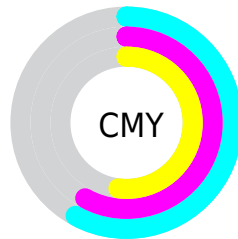
- Red (42%)
- Green (42%)
- Blue (48%)



- Red (42%)
- Yellow (42%)
- Blue (48%)



- Cyan (11%)
- Magenta (11%)
- Yellow (0%)
- Black (52%)



- Cyan (58%)
- Magenta (58%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 46, 8.327, 291.327 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, 8.327, 291.327 by changing the saturation by 10% instead.

■ 46, 8.327, 291.327

■ 46, 8.327, 291.327

■ 100, 8.327,
291.327

■ 36, 8.327, 291.327

■ 66, 8.327, 291.327

■ 26, 8.327, 291.327

■ 76, 8.327, 291.327

■ 16, 8.327, 291.327

■ 86, 8.327, 291.327

■ 6, 8.327, 291.327

■ 96, 8.327, 291.327

■ 0, 8.327, 291.327

■ 46, 8.327, 291.327

■ 46, 8.327, 291.327

■ 41, 15.878,
292.502

■ 50, 1.064, 290.351

■ 37, 23.741,

■ 55, 5.929, 109.440

293.883

59, 12.673,
108.707

32, 31.931,
295.486

64, 19.185,
108.074

28, 40.437,
297.318

68, 25.480,
107.527

24, 49.176,
299.346

72, 31.573,
107.053

20, 57.899,
301.469

77, 37.477,
106.640

16, 66.034,
303.486

81, 43.202,
106.279

14, 72.591,
305.103

85, 48.760,
105.963

12, 77.462,
306.284

Harmonies

Complementary

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



46, 8.327, 291.327



51, 8.118, 109.112

Rectangle

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



46, 8.327, 291.327



46, 8.327, 341.327



46, 8.327, 111.327



46, 8.327, 161.327

Sweetspot

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



46, 8.326, 291.323



63, 2.654, 290.479



50, 5.463, 197.443



32, 2.002, 290.544



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, 8.326, 291.323



57, 12.626, 291.640



47, 8.765, 308.978



23, 4.079, 291.066



12, 78.882, 306.285



32, 132.795, 306.286

Inverse Universe

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



47, 5.846, 20.042



59, 8.914, 20.263



50, 8.626, 127.999



24, 2.851, 19.858



25, 60.071, 38.168



53, 103.776, 39.996

Previews

White Background



This preview shows how the CIELCh color 46, 8.327, 291.327 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, 8.327, 291.327 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

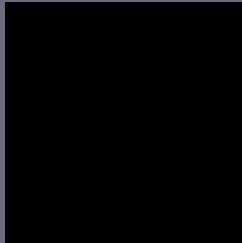
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

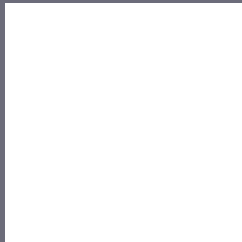
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 46, 8.327, 291.327

Background



This preview shows how black text looks on a background with the CIELCh color 46, 8.327, 291.327.



This preview shows how white text looks on a background with the CIELCh color 46, 8.327, 291.327.

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, 8.327, 291.327

Protanopia

46, 8.330, 288.664

Deuteranopia

46, 9.956, 307.461



Tritanopia
46, 4.806, 281.386

Trichromacy



Original Color
46, 8.327, 291.327

Protanomaly
46, 8.330, 288.664

Deuteranomaly
46, 9.089, 301.293

Tritanomaly
46, 5.979, 283.471

Monochromacy



Original Color
46, 8.327, 291.327

Achromatopsia
46, 0.006, 296.813

Achromatomaly
46, 2.973, 290.602

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 46, 8.327, 291.327 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, 122)` looks like.

```
.text, #text, p{  
    color:rgb(108, 108, 122)  
}
```

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, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 108, 122) }
```

Border

The CSS property to change the border of an element to CIELCh 46, 8.327, 291.327 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, 122) }
```

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

```
.border{ border-color:rgb(108, 108, 122) }
```

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, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 108, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 108, 122);  
box-shadow:4px 4px 4px 4px rgb(108, 108,  
122) }
```

Background

The CSS property to change the background color of an element to CIELCh 46, 8.327, 291.327 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, 122) }
```

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

```
.background{ background-color: rgb(108,  
108, 122) }
```

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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