

Converting Colors

CIELCh(46, 11.623, 353.037)

Have a look what the booklet for
CIELCh(46, 11.623, 353.037)
contains.

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Color

CIELCh(46, 11.909, 351.207)

Conversions

Conversions Part 1

Format	Color
Hex	7F6670
RGB	127, 102, 112
RGB Percent	50%, 40%, 44%
CMY	0.5008, 0.5989, 0.5597
CMYK	0.00, 0.20, 0.12, 0.50
HSL	336°, 11%, 45%
HSV	336°, 20%, 50%
XYZ	16.5154, 15.2687, 17.4889
YIQ	110.6150, 11.6900, 8.4100

Conversions

Conversions Part 2

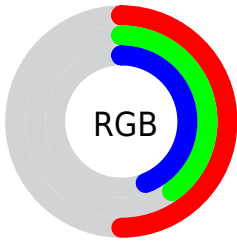
Format	Color
R_{YB}	127, 102, 112
Decimal	8349296
CIE Lab	46.00, 11.77, -1.82
CIE LCh	46, 11.909, 351.207
Yxy	15.2687, 0.3352, 0.3099
Android (android.graphics.Color)	4286539376 (0xFF7F6670)
YUV	110.6150, 0.6828, 14.3696
Hunter-Lab	39.0751, 7.0630, 0.8161

Details

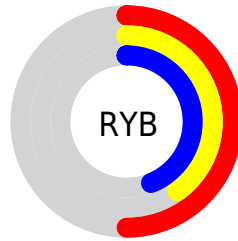
The CIELCh color $[46, 11.909, 351.207]$ is a dark color, and the websafe version is hex `666666`. A complement of this color would be $[51, 11.475, 167.693]$, and the grayscale version is $[47, 0.006, 296.813]$.

A 20% lighter version of the original color is $[66, 12.051, 350.311]$, and $[26, 11.985, 352.656]$ is the 20% darker color. If you saturate the color by 10%, you get $[42, 18.158, 352.329]$, and if you desaturate by 10%, it is $[50, 5.765, 350.207]$.

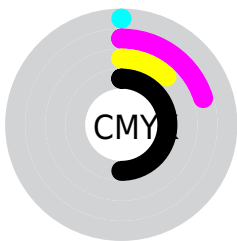
Distribution



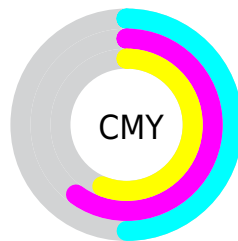
- Red (50%)
- Green (40%)
- Blue (44%)



- Red (50%)
- Yellow (40%)
- Blue (44%)



- Cyan (0%)
- Magenta (20%)
- Yellow (12%)
- Black (50%)





- Cyan (50%)
- Magenta (60%)
- Yellow (56%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 46, 11.909, 351.207 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, 11.909, 351.207 by changing the saturation by 10% instead.


 46, 11.909,
351.207


 46, 11.909,
351.207


 100, 11.909,
351.207


 36, 11.909,
351.207

 66, 11.909,
351.207


 26, 11.909,
351.207

 76, 11.909,
351.207

 16, 11.909,
351.207


 86, 11.909,
351.207

 6, 11.909, 351.207

 96, 11.909,
351.207

 0, 11.909, 351.207

 46, 11.909,

 46, 11.909,

351.207

42, 18.158,
352.329

39, 24.410,
353.620

36, 30.495,
355.143

33, 36.185,
356.981

31, 41.199,
359.247

29, 45.262, 2.087

27, 48.194, 5.657

26, 50.450, 9.741

26, 50.537, 9.880

351.207

50, 5.765, 350.207

53, 0.203, 170.955

57, 5.966, 168.667

61, 11.511,
167.932

65, 16.840,
167.274

69, 21.961,
166.673

73, 26.888,
166.120

77, 31.635,
165.607

80, 36.217,

Harmonies

Complementary

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



46, 11.909, 351.207



51, 11.475, 167.693

Rectangle

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



46, 11.909, 351.207



46, 11.909, 41.207



46, 11.909, 171.207



46, 11.909, 221.207

Sweetspot

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



46, 11.907, 351.210



65, 4.427, 349.860



45, 16.079, 313.291



34, 2.961, 349.913



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



46, 11.907, 351.210



57, 18.154, 351.743



46, 9.754, 29.183



25, 3.370, 350.154



26, 50.597, 9.890



0, 0.000, 0.000

Inverse Universe

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



46, 11.907, 351.210



57, 18.154, 351.743



51, 8.586, 208.404



25, 3.370, 350.154



26, 50.597, 9.890



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 46, 11.909, 351.207 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, 11.909, 351.207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

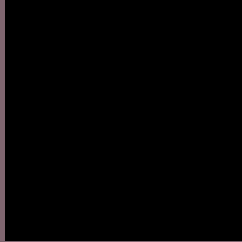
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 46, 11.909, 351.207

Background



This preview shows how black text looks on a background with the CIELCh color 46, 11.909, 351.207.



This preview shows how white text looks on a background with the CIELCh color 46, 11.909, 351.207.

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, 11.909, 351.207

Protanopia

46, 4.784, 295.613

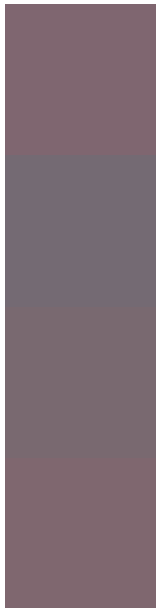
Deuteranopia

46, 6.092, 344.416



Tritanopia
46, 11.025, 355.473

Trichromacy



Original Color
46, 11.909, 351.207

Protanomaly
46, 6.741, 327.716

Deuteranomaly
46, 7.796, 348.260

Tritanomaly
46, 11.025, 355.473

Monochromacy



Original Color
46, 11.909, 351.207

Achromatopsia
47, 0.006, 296.813

Achromatomaly
47, 4.115, 354.296

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 46, 11.909, 351.207 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(127, 102, 112)` looks like.

```
.text, #text, p{  
    color:rgb(127, 102, 112)  
}
```

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(127, 102, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 102, 112) }
```

Border

The CSS property to change the border of an element to CIELCh 46, 11.909, 351.207 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(127, 102, 112) }
```

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

```
.border{ border-color:rgb(127, 102, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 102, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 102, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 102, 112);  
box-shadow:4px 4px 4px 4px rgb(127, 102,  
112) }
```

Background

The CSS property to change the background color of an element to CIELCh 46, 11.909, 351.207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 102, 112) }
```

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

```
.background{ background-color: rgb(127,  
102, 112) }
```

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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