

Converting Colors

CIELCh(46, 25.083, 294.343)

Have a look what the booklet for
CIELCh(46, 25.083, 294.343)
contains.

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Color

CIELCh(46, 25.011, 294.328)

Conversions

Conversions Part 1

Format	Color
Hex	6A6993
RGB	106, 105, 147
RGB Percent	42%, 41%, 58%
CMY	0.5844, 0.5883, 0.4236
CMYK	0.28, 0.29, 0.00, 0.42
HSL	241°, 17%, 49%
HSV	241°, 29%, 58%
XYZ	16.2565, 15.2687, 29.6863
YIQ	110.0870, -12.8860, 13.2740

Conversions

Conversions Part 2

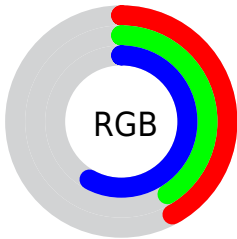
Format	Color
RYB	106, 105, 147
Decimal	6973843
CIELab	46.00, 10.30, -22.79
CIELCh	46, 25.011, 294.328
Yxy	15.2687, 0.2656, 0.2494
Android (android.graphics.Color)	4285163923 (0xFF6A6993)
YUV	110.0870, 18.1981, -3.5843
Hunter-Lab	39.0751, 5.8804, -17.6914

Details

The CIELCh color $46, 25.011, 294.328$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $60, 23.396, 108.532$, and the grayscale version is $46, 0.006, 296.813$.

A 20% lighter version of the original color is $66, 25.012, 294.293$, and $26, 24.892, 294.201$ is the 20% darker color. If you saturate the color by 10%, you get $41, 34.470, 295.829$, and if you desaturate by 10%, it is $51, 15.930, 293.037$.

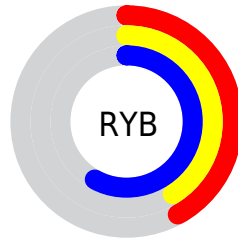
Distribution



Red (42%)

Green (41%)

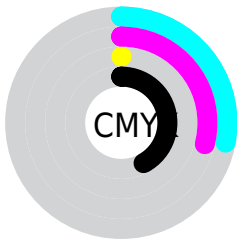
Blue (58%)



Red (42%)

Yellow (41%)

Blue (58%)

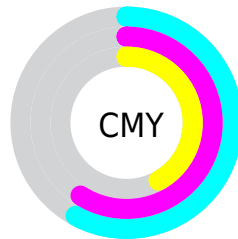


Cyan (28%)

Magenta (29%)

Yellow (0%)

Black (42%)



Cyan (58%)


Magenta (59%)


Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 46, 25.011, 294.328 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, 25.011, 294.328 by changing the saturation by 10% instead.


 46, 25.011,
294.328


 46, 25.011,
294.328


 100, 25.011,
294.328


 36, 25.011,
294.328

 66, 25.011,
294.328


 26, 25.011,
294.328

 76, 25.011,
294.328

 16, 25.011,
294.328

 86, 25.011,
294.328

 6, 25.011, 294.328

 96, 25.011,
294.328

 0, 25.011, 294.328

 46, 25.011,

 46, 25.011,

294.328

41, 34.470,
295.829

36, 44.304,
297.551

31, 54.432,
299.470

26, 64.604,
301.500

22, 74.223,
303.462

19, 82.197,
305.073

16, 87.809,
306.211

16, 88.611,
306.380

294.328

51, 15.930,
293.037

56, 7.212, 291.937

62, 1.169, 110.952

67, 9.237, 110.182

72, 17.016,
109.497

77, 24.525,
108.907

82, 31.782,
108.398

87, 38.804,
107.958

92, 45.606,

Harmonies

Complementary

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



46, 25.011, 294.328



60, 23.396, 108.532

Rectangle

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



46, 25.011, 294.328



46, 25.011, 344.328



46, 25.011, 114.328



46, 25.011, 164.328

Sweetspot

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



46, 25.010, 294.328



72, 9.395, 291.999



58, 14.734, 199.610



37, 6.597, 292.138



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



46, 25.010, 294.328



55, 37.358, 295.222



48, 26.157, 310.964



28, 4.782, 292.002



15, 84.490, 306.387



0, 4.115, 291.115

Inverse Universe

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



50, 28.703, 326.608



61, 42.203, 326.928



58, 25.203, 128.372



29, 5.682, 325.553



32, 71.770, 329.177



1, 4.943, 325.078

Previews

White Background



This preview shows how the CIELCh color 46, 25.011, 294.328 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, 25.011, 294.328 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

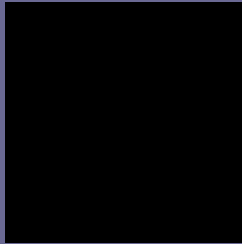
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 46, 25.011, 294.328

Background



This preview shows how black text looks on a background with the CIELCh color 46, 25.011, 294.328.



This preview shows how white text looks on a background with the CIELCh color 46, 25.011, 294.328.

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, 25.011, 294.328

Protanopia

46, 25.082, 285.807

Deuteranopia

46, 23.298, 285.700



Tritanopia
46, 6.516, 254.588

Trichromacy



Original Color
46, 25.011, 294.328

Protanomaly
46, 25.013, 288.848

Deuteranomaly
46, 23.818, 289.234

Tritanomaly
46, 12.635, 281.708

Monochromacy



Original Color
46, 25.011, 294.328

Achromatopsia
46, 0.006, 296.813

Achromatomaly
46, 8.935, 293.889

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 46, 25.011, 294.328 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(106, 105, 147)` looks like.

```
.text, #text, p{  
    color:rgb(106, 105, 147)  
}
```

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(106, 105, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 105, 147) }
```

Border

The CSS property to change the border of an element to CIELCh 46, 25.011, 294.328 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(106, 105, 147) }
```

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

```
.border{ border-color:rgb(106, 105, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 105, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 105, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 105, 147);  
box-shadow:4px 4px 4px 4px rgb(106, 105,  
147) }
```

Background

The CSS property to change the background color of an element to CIELCh 46, 25.011, 294.328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 105, 147) }
```

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

```
.background{ background-color: rgb(106,  
105, 147) }
```

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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