

Converting Colors

CIELCh(46, 13.160, 331.882)

Have a look what the booklet for
CIELCh(46, 13.160, 331.882)
contains.

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Color

CIELCh(46, 13.185, 331.193)

Conversions

Conversions Part 1

Format	Color
Hex	7C6778
RGB	124, 103, 120
RGB Percent	49%, 40%, 47%
CMY	0.5147, 0.5970, 0.5304
CMYK	0.00, 0.17, 0.03, 0.51
HSL	311°, 9%, 44%
HSV	311°, 17%, 49%
XYZ	16.4771, 15.2687, 19.7689
YIQ	111.2170, 7.0590, 9.7390

Conversions

Conversions Part 2

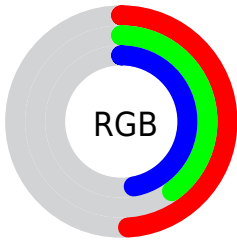
Format	Color
R_{YB}	124, 103, 120
Decimal	8152952
CIE _{Lab}	46.00, 11.55, -6.35
CIE _{LCh}	46, 13.185, 331.193
Yxy	15.2687, 0.3199, 0.2964
Android (android.graphics.Color)	4286343032 (0xFF7C6778)
YUV	111.2170, 4.3300, 11.2107
Hunter-Lab	39.0751, 6.8881, -2.6435

Details

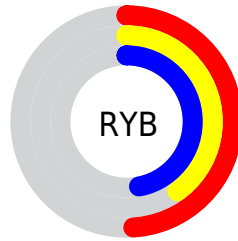
The CIELCh color $46, 13.185, 331.193$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $50, 13.139, 149.109$, and the grayscale version is $47, 0.006, 296.813$.

A 20% lighter version of the original color is $66, 13.254, 331.937$, and $26, 13.345, 330.481$ is the 20% darker color. If you saturate the color by 10%, you get $43, 20.995, 331.824$, and if you desaturate by 10%, it is $49, 5.381, 330.567$.

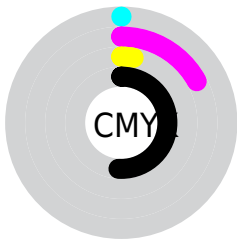
Distribution



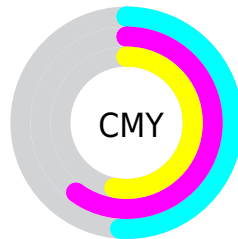
- Red (49%)
- Green (40%)
- Blue (47%)



- Red (49%)
- Yellow (40%)
- Blue (47%)



- Cyan (0%)
- Magenta (17%)
- Yellow (3%)
- Black (51%)





- Cyan (51%)
- Magenta (60%)
- Yellow (53%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 46, 13.185, 331.193 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, 13.185, 331.193 by changing the saturation by 10% instead.


 46, 13.185,
331.193


 46, 13.185,
331.193


 100, 13.185,
331.193


 36, 13.185,
331.193

 66, 13.185,
331.193


 26, 13.185,
331.193

 76, 13.185,
331.193

 16, 13.185,
331.193


 86, 13.185,
331.193

 6, 13.185, 331.193

 96, 13.185,
331.193

 0, 13.185, 331.193

 46, 13.185,

 46, 13.185,

331.193

43, 20.995,
331.824

40, 28.673,
332.469

37, 36.017,
333.130

34, 42.766,
333.810

32, 48.610,
334.515

30, 53.230,
335.259

28, 56.368,
336.063

28, 58.132,
336.938

331.193

49, 5.381, 330.567

53, 2.319, 150.118

57, 9.856, 149.490

60, 17.198,
148.948

64, 24.330,
148.438

68, 31.248,
147.956

71, 37.957,
147.500

75, 44.464,
147.070

79, 50.781,

■ 27, 58.633,
337.202

146.665

Harmonies

Complementary

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



46, 13.185, 331.193



50, 13.139, 149.109

Rectangle

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



46, 13.185, 331.193



46, 13.185, 21.193



46, 13.185, 151.193



46, 13.185, 201.193

Sweetspot

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



46, 13.183, 331.194



64, 4.779, 330.443



45, 12.688, 298.608



33, 3.287, 330.483



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



46, 13.183, 331.194



58, 19.268, 331.414



46, 9.577, 356.392



24, 4.320, 330.701



28, 59.033, 337.212



57, 98.640, 337.802

Inverse Universe

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



46, 13.183, 331.194



58, 19.268, 331.414



50, 9.166, 173.321



24, 4.320, 330.701



28, 59.033, 337.212



57, 98.640, 337.802

Previews

White Background



This preview shows how the CIELCh color 46, 13.185, 331.193 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 CIELCh color 46, 13.185, 331.193 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, 13.185, 331.193

Background



This preview shows how black text looks on a background with the CIELCh color 46, 13.185, 331.193.



This preview shows how white text looks on a background with the CIELCh color 46, 13.185, 331.193.

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, 13.185, 331.193

Protanopia

46, 8.923, 288.931

Deuteranopia

46, 8.566, 315.910



Tritanopia
46, 9.165, 349.467

Trichromacy



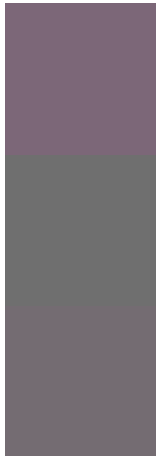
Original Color
46, 13.185, 331.193

Protanomaly
46, 9.956, 307.461

Deuteranomaly
46, 9.860, 323.057

Tritanomaly
46, 10.153, 340.772

Monochromacy



Original Color
46, 13.185, 331.193

Achromatopsia
47, 0.006, 296.813

Achromatomaly
47, 4.844, 332.718

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 46, 13.185, 331.193 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(124, 103, 120)` looks like.

```
.text, #text, p{  
    color:rgb(124, 103, 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(124, 103, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 103, 120) }
```

Border

The CSS property to change the border of an element to CIELCh 46, 13.185, 331.193 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(124, 103, 120) }
```

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

```
.border{ border-color:rgb(124, 103, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 103, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 103, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 103, 120);  
box-shadow:4px 4px 4px 4px rgb(124, 103,  
120) }
```

Background

The CSS property to change the background color of an element to CIELCh 46, 13.185, 331.193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 103, 120) }
```

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

```
.background{ background-color: rgb(124,  
103, 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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