

Converting Colors

CIELCh(46, 17.730, 323.017)

Have a look what the booklet for
CIELCh(46, 17.730, 323.017)
contains.

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Color

CIELCh(46, 18.145, 323.329)

Conversions

Conversions Part 1

Format	Color
Hex	7D657F
RGB	125, 101, 127
RGB Percent	49%, 40%, 50%
CMY	0.5089, 0.6030, 0.5010
CMYK	0.02, 0.20, 0.00, 0.50
HSL	295°, 11%, 45%
HSV	295°, 20%, 50%
XYZ	17.0149, 15.2687, 22.2109
YIQ	111.1400, 5.9580, 13.1740

Conversions

Conversions Part 2

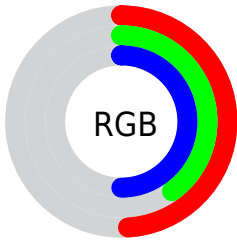
Format	Color
R_{YB}	125, 101, 127
Decimal	8217983
CIE _{Lab}	46.00, 14.55, -10.84
CIE _{LCh}	46, 18.145, 323.329
Yxy	15.2687, 0.3122, 0.2802
Android (android.graphics.Color)	4286408063 (0xFF7D657F)
YUV	111.1400, 7.8190, 12.1552
Hunter-Lab	39.0751, 9.3445, -6.3487

Details

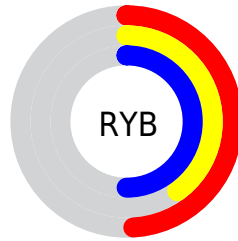
The CIELCh color $46, 18.145, 323.329$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $51, 18.078, 141.238$, and the grayscale version is $47, 0.006, 296.813$.

A 20% lighter version of the original color is $66, 18.329, 323.271$, and $26, 18.230, 323.544$ is the 20% darker color. If you saturate the color by 10%, you get $43, 27.043, 323.802$, and if you desaturate by 10%, it is $50, 9.221, 322.840$.

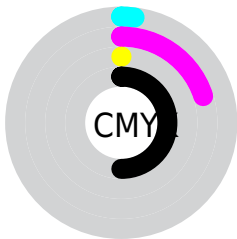
Distribution



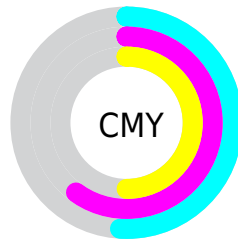
- Red (49%)
- Green (40%)
- Blue (50%)



- Red (49%)
- Yellow (40%)
- Blue (50%)



- Cyan (2%)
- Magenta (20%)
- Yellow (0%)
- Black (50%)





- Cyan (51%)
- Magenta (60%)
- Yellow (50%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 46, 18.145, 323.329 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, 18.145, 323.329 by changing the saturation by 10% instead.


 46, 18.145,
323.329


 46, 18.145,
323.329


 100, 18.145,
323.329


 36, 18.145,
323.329

 66, 18.145,
323.329


 26, 18.145,
323.329

 76, 18.145,
323.329

 16, 18.145,
323.329


 86, 18.145,
323.329

 6, 18.145, 323.329

 96, 18.145,
323.329

 0, 18.145, 323.329

 46, 18.145,

 46, 18.145,

323.329

43, 27.043,
323.802

39, 35.754,
324.249

36, 44.048,
324.652

34, 51.632,
324.990

32, 58.175,
325.240

30, 63.351,
325.379

29, 66.922,
325.391

28, 69.336,
325.326

323.329

50, 9.221, 322.840

53, 0.391, 321.941

57, 8.274, 141.937

61, 16.729,
141.477

64, 24.952,
141.047

68, 32.932,
140.642

72, 40.671,
140.263

76, 48.174,
139.910

79, 55.451,

Harmonies

Complementary

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



46, 18.145, 323.329



51, 18.078, 141.238

Rectangle

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



46, 18.145, 323.329



46, 18.145, 13.329



46, 18.145, 143.329



46, 18.145, 193.329

Sweetspot

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



46, 18.143, 323.329



65, 6.561, 322.621



44, 14.282, 288.936



34, 4.387, 322.649



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, 18.143, 323.329



57, 27.577, 323.575



46, 13.904, 340.976



25, 4.982, 322.773



28, 69.438, 325.325



0, 0.000, 0.000

Inverse Universe

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



45, 11.131, 14.746



56, 17.178, 15.318



51, 13.682, 157.816



25, 2.962, 13.650



25, 58.887, 35.236



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 46, 18.145, 323.329 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, 18.145, 323.329 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, 18.145, 323.329

Background



This preview shows how black text looks on a background with the CIELCh color 46, 18.145, 323.329.



This preview shows how white text looks on a background with the CIELCh color 46, 18.145, 323.329.

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, 18.145, 323.329

Protanopia

46, 14.309, 286.193

Deuteranopia

46, 12.172, 302.740



Tritanopia
46, 9.165, 349.467

Trichromacy



Original Color
46, 18.145, 323.329

Protanomaly
46, 14.509, 301.133

Deuteranomaly
46, 14.108, 312.893

Tritanomaly
46, 12.328, 334.808

Monochromacy



Original Color
46, 18.145, 323.329

Achromatopsia
47, 0.006, 296.813

Achromatomaly
46, 6.989, 322.086

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 46, 18.145, 323.329 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(125, 101, 127)` looks like.

```
.text, #text, p{  
    color:rgb(125, 101, 127)  
}
```

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(125, 101, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 101, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 46, 18.145, 323.329 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(125, 101, 127) }
```

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

```
.border{ border-color:rgb(125, 101, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 101, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 101, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 101, 127);  
box-shadow:4px 4px 4px 4px rgb(125, 101,  
127) }
```

Background

The CSS property to change the background color of an element to CIELCh 46, 18.145, 323.329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 101, 127) }
```

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

```
.background{ background-color: rgb(125,  
101, 127) }
```

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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