

Converting Colors

CIELCh(46, 20.453, 318.474)

Have a look what the booklet for
CIELCh(46, 20.453, 318.474)
contains.

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Color

CIELCh(46, 20.518, 318.015)

Conversions

Conversions Part 1

Format	Color
Hex	7C6584
RGB	124, 101, 132
RGB Percent	49%, 40%, 52%
CMY	0.5136, 0.6038, 0.4822
CMYK	0.06, 0.23, 0.00, 0.48
HSL	285°, 13%, 46%
HSV	285°, 23%, 52%
XYZ	17.1416, 15.2687, 23.8862
YIQ	111.4110, 3.7570, 14.5170

Conversions

Conversions Part 2

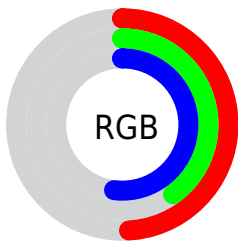
Format	Color
RYB	124, 101, 132
Decimal	8152452
CIELab	46.00, 15.25, -13.73
CIELCh	46, 20.518, 318.015
Yxy	15.2687, 0.3045, 0.2712
Android (android.graphics.Color)	4286342532 (0xFF7C6584)
YUV	111.4110, 10.1504, 11.0406
Hunter-Lab	39.0751, 9.9233, -8.8907

Details

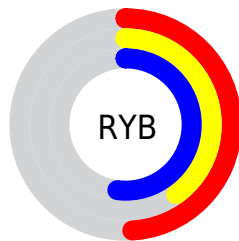
The CIELCh color $46, 20.518, 318.015$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $53, 20.227, 135.972$, and the grayscale version is $47, 0.006, 296.813$.

A 20% lighter version of the original color is $66, 20.536, 318.283$, and $26, 20.274, 318.636$ is the 20% darker color. If you saturate the color by 10%, you get $42, 29.390, 318.434$, and if you desaturate by 10%, it is $50, 11.686, 317.588$.

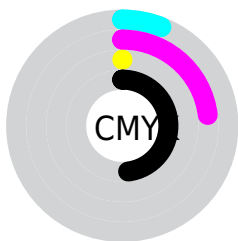
Distribution



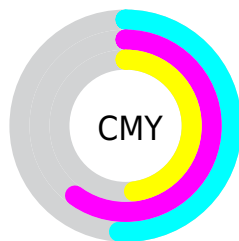
- Red (49%)
- Green (40%)
- Blue (52%)



- Red (49%)
- Yellow (40%)
- Blue (52%)



- Cyan (6%)
- Magenta (23%)
- Yellow (0%)
- Black (48%)





- Cyan (51%)
- Magenta (60%)
- Yellow (48%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 46, 20.518, 318.015 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, 20.518, 318.015 by changing the saturation by 10% instead.


 46, 20.518,
318.015


 46, 20.518,
318.015


 100, 20.518,
318.015


 36, 20.518,
318.015

 66, 20.518,
318.015


 26, 20.518,
318.015

 76, 20.518,
318.015

 16, 20.518,
318.015

 86, 20.518,
318.015

 6, 20.518, 318.015

 96, 20.518,
318.015

 0, 20.518, 318.015

 46, 20.518,

 46, 20.518,

318.015

42, 29.390,
318.434

39, 38.166,
318.828

35, 46.634,
319.171

32, 54.501,
319.424

29, 61.398,
319.545

27, 66.917,
319.480

25, 70.729,
319.185

25, 72.829,
318.957

318.015

50, 11.686,
317.588

54, 2.989, 317.139

58, 5.521, 136.817

62, 13.817,
136.430

66, 21.884,
136.080

70, 29.721,
135.760

74, 37.331,
135.468

78, 44.721,
135.204

■ 82, 51.901,
134.964

Harmonies

Complementary

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



46, 20.518, 318.015



53, 20.227, 135.972

Rectangle

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



46, 20.518, 318.015



46, 20.518, 8.015



46, 20.518, 138.015



46, 20.518, 188.015

Sweetspot

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



46, 20.516, 318.015



67, 7.449, 317.314



46, 13.752, 279.258



35, 4.880, 317.334



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



46, 20.516, 318.015



57, 30.290, 318.232



47, 18.710, 333.199



26, 4.888, 317.400



24, 72.031, 318.969



0, 1.161, 317.043

Inverse Universe

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



46, 13.803, 1.294



57, 20.510, 1.948



52, 18.607, 150.070



26, 3.229, 359.698



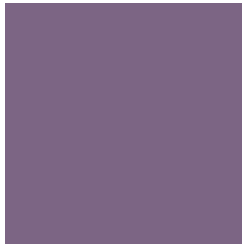
26, 53.761, 22.942



0, 0.759, 358.928

Previews

White Background



This preview shows how the CIELCh color 46, 20.518, 318.015 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, 20.518, 318.015 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

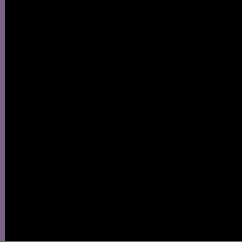
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 46, 20.518, 318.015

Background



This preview shows how black text looks on a background with the CIELCh color 46, 20.518, 318.015.



This preview shows how white text looks on a background with the CIELCh color 46, 20.518, 318.015.

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, 20.518, 318.015

Protanopia

46, 17.312, 285.342

Deuteranopia

46, 14.313, 295.127



Tritanopia
46, 8.114, 344.689

Trichromacy



Original Color
46, 20.518, 318.015

Protanomaly
46, 18.012, 298.491

Deuteranomaly
46, 15.913, 304.638

Tritanomaly
46, 11.970, 328.418

Monochromacy



Original Color
46, 20.518, 318.015

Achromatopsia
47, 0.006, 296.813

Achromatomaly
46, 8.021, 317.688

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 46, 20.518, 318.015 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, 101, 132)` looks like.

```
.text, #text, p{  
    color:rgb(124, 101, 132)  
}
```

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, 101, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 101, 132) }
```

Border

The CSS property to change the border of an element to CIELCh 46, 20.518, 318.015 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, 101, 132) }
```

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

```
.border{ border-color:rgb(124, 101, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 101, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 101, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 101, 132);  
box-shadow:4px 4px 4px 4px rgb(124, 101,  
132) }
```

Background

The CSS property to change the background color of an element to CIELCh 46, 20.518, 318.015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 101, 132) }
```

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

```
.background{ background-color: rgb(124,  
101, 132) }
```

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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