

Converting Colors

CIELCh(46, 10.495, 329.906)

Have a look what the booklet for
CIELCh(46, 10.495, 329.906)
contains.

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Color

CIELCh(46, 10.562, 328.773)

Conversions

Conversions Part 1

Format	Color
Hex	786876
RGB	120, 104, 118
RGB Percent	47%, 41%, 46%
CMY	0.5285, 0.5913, 0.5364
CMYK	0.00, 0.13, 0.02, 0.53
HSL	308°, 7%, 44%
HSV	308°, 13%, 47%
XYZ	16.0341, 15.2687, 19.3129
YIQ	110.3800, 5.0420, 7.7460

Conversions

Conversions Part 2

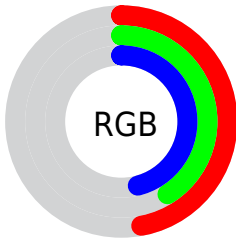
Format	Color
R_{YB}	120, 104, 118
Decimal	7891062
CIE Lab	46.00, 9.03, -5.48
CIE LCh	46, 10.562, 328.773
Yxy	15.2687, 0.3168, 0.3017
Android (android.graphics.Color)	4286081142 (0xFF786876)
YUV	110.3800, 3.7567, 8.4367
Hunter-Lab	39.0751, 4.8642, -1.9515

Details

The CIELCh color $46, 10.562, 328.773$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $49, 10.538, 147.255$, and the grayscale version is $47, 0.006, 296.813$.

A 20% lighter version of the original color is $66, 10.546, 328.358$, and $26, 10.525, 327.410$ is the 20% darker color. If you saturate the color by 10%, you get $43, 18.550, 329.356$, and if you desaturate by 10%, it is $49, 2.613, 328.154$.

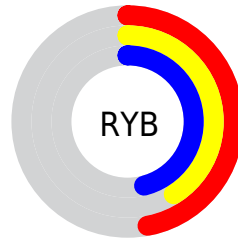
Distribution



Red (47%)

Green (41%)

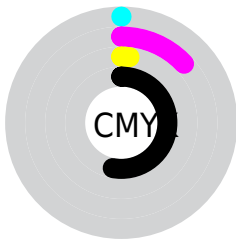
Blue (46%)



Red (47%)

Yellow (41%)

Blue (46%)

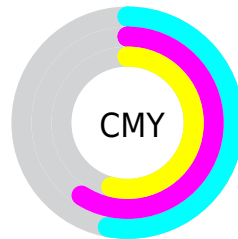


Cyan (0%)

Magenta (13%)

Yellow (2%)

Black (53%)



Cyan (53%)


Magenta (59%)


Yellow (54%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 46, 10.562, 328.773 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, 10.562, 328.773 by changing the saturation by 10% instead.


 46, 10.562,
328.773


 46, 10.562,
328.773


 100, 10.562,
328.773


 36, 10.562,
328.773

 66, 10.562,
328.773


 26, 10.562,
328.773

 76, 10.562,
328.773

 16, 10.562,
328.773


 86, 10.562,
328.773

 6, 10.562, 328.773

 96, 10.562,
328.773

 0, 10.562, 328.773

 46, 10.562,

 46, 10.562,

328.773

43, 18.550,
329.356

40, 26.454,
329.939

37, 34.095,
330.521

34, 41.234,
331.096

32, 47.582,
331.662

30, 52.830,
332.217

28, 56.699,
332.767

27, 59.052,
333.325

328.773

49, 2.613, 328.154

53, 5.210, 147.721

56, 12.857,
147.172

60, 20.300,
146.661

63, 27.526,
146.178

67, 34.535,
145.719

71, 41.331,
145.286

74, 47.923,
144.878

■ 27, 60.302,
333.694

■ 78, 54.321,
144.494

Harmonies

Complementary

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



46, 10.562, 328.773



49, 10.538, 147.255

Rectangle

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



46, 10.562, 328.773



46, 10.562, 18.773



46, 10.562, 148.773



46, 10.562, 198.773

Sweetspot

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



46, 10.560, 328.774



62, 3.898, 328.212



45, 9.614, 295.847



32, 2.793, 328.256



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



46, 10.560, 328.774



58, 15.694, 328.953



46, 7.559, 351.601



24, 4.524, 328.525



28, 61.969, 333.718



58, 103.791, 334.056

Inverse Universe

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



46, 10.560, 328.774



58, 15.694, 328.953



49, 7.359, 169.333



24, 4.524, 328.525



28, 61.969, 333.718



58, 103.791, 334.056

Previews

White Background



This preview shows how the CIELCh color 46, 10.562, 328.773 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, 10.562, 328.773 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

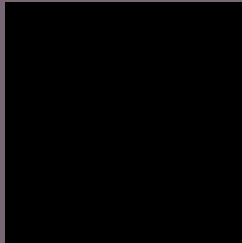
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 46, 10.562, 328.773

Background



This preview shows how black text looks on a background with the CIELCh color 46, 10.562, 328.773.

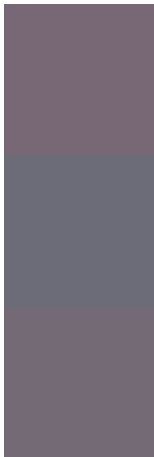


This preview shows how white text looks on a background with the CIELCh color 46, 10.562, 328.773.

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, 10.562, 328.773

Protanopia

46, 7.733, 291.247

Deuteranopia

46, 8.222, 320.220



Tritanopia
46, 7.784, 342.840

Trichromacy



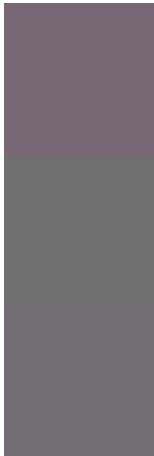
Original Color
46, 10.562, 328.773

Protanomaly
46, 8.013, 305.471

Deuteranomaly
46, 9.368, 324.998

Tritanomaly
46, 8.541, 336.486

Monochromacy



Original Color
46, 10.562, 328.773

Achromatopsia
47, 0.006, 296.813

Achromatomaly
47, 3.613, 324.622

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 46, 10.562, 328.773 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(120, 104, 118)` looks like.

```
.text, #text, p{  
    color:rgb(120, 104, 118)  
}
```

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(120, 104, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 104, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 46, 10.562, 328.773 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(120, 104, 118) }
```

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

```
.border{ border-color:rgb(120, 104, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 104, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 104, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 104, 118);  
box-shadow:4px 4px 4px 4px rgb(120, 104,  
118) }
```

Background

The CSS property to change the background color of an element to CIELCh 46, 10.562, 328.773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 104, 118) }
```

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

```
.background{ background-color: rgb(120,  
104, 118) }
```

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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