

Converting Colors

CIELCh(46, 45.104, 330.018)

Have a look what the booklet for
CIELCh(46, 45.104, 330.018)
contains.

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Color

CIELCh(46, 45.160, 330.288)

Conversions

Conversions Part 1

Format	Color
Hex	9B5393
RGB	155, 83, 147
RGB Percent	61%, 33%, 58%
CMY	0.3921, 0.6744, 0.4234
CMYK	0.00, 0.46, 0.05, 0.39
HSL	307°, 30%, 47%
HSV	307°, 46%, 61%
XYZ	21.8860, 15.2687, 29.4077
YIQ	111.8240, 22.3680, 35.1680

Conversions

Conversions Part 2

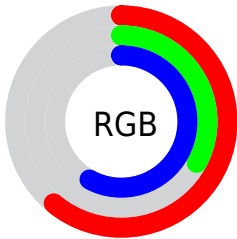
Format	Color
R _{YB}	155, 83, 147
Decimal	10179475
CIE _{Lab}	46.00, 39.22, -22.38
CIE _{LCh}	46, 45.160, 330.288
Yxy	15.2687, 0.3288, 0.2294
Android (android.graphics.Color)	4288369555 (0xFF9B5393)
YUV	111.8240, 17.3418, 37.8654
Hunter-Lab	39.0751, 31.5966, -17.2687

Details

The CIELCh color $46, 45.160, 330.288$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $58, 45.307, 143.860$, and the grayscale version is $47, 0.006, 296.813$.

A 20% lighter version of the original color is $66, 44.941, 330.416$, and $26, 45.042, 330.435$ is the 20% darker color. If you saturate the color by 10%, you get $43, 53.646, 330.852$, and if you desaturate by 10%, it is $49, 35.882, 329.710$.

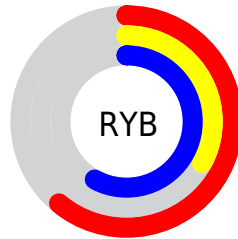
Distribution



Red (61%)

Green (33%)

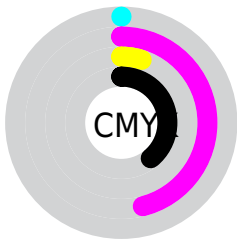
Blue (58%)



Red (61%)

Yellow (33%)

Blue (58%)

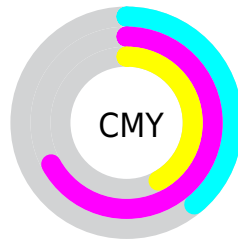


Cyan (0%)

Magenta (46%)

Yellow (5%)

Black (39%)



Cyan (39%)

Magenta (67%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 46, 45.160, 330.288 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, 45.160, 330.288 by changing the saturation by 10% instead.

 46, 45.160,
330.288

 46, 45.160,
330.288

 100, 45.160,
330.288


 36, 45.160,
330.288

 66, 45.160,
330.288

 26, 45.160,
330.288

 76, 45.160,
330.288

 16, 45.160,
330.288

 86, 45.160,
330.288

 6, 45.160, 330.288

 96, 45.160,
330.288

 0, 45.160, 330.288

 46, 45.160,

 46, 45.160,

330.288

43, 53.646,
330.852

40, 60.955,
331.398

38, 66.694,
331.926

37, 70.567,
332.441

36, 72.571,
332.959

36, 73.127,
333.141

330.288

49, 35.882,
329.710

53, 26.157,
329.124

57, 16.244,
328.537

61, 6.331, 327.940

66, 3.453, 147.485

70, 13.031,
146.893

74, 22.357,
146.365

79, 31.411,
145.866

■ 83, 40.186,
145.394

Harmonies

Complementary

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



46, 45.160, 330.288



58, 45.307, 143.860

Rectangle

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



46, 45.160, 330.288



46, 45.160, 20.288



46, 45.160, 150.288



46, 45.160, 200.288

Sweetspot

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



46, 45.158, 330.288



74, 17.105, 328.409



39, 44.086, 299.309



38, 11.913, 328.528



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



46, 45.158, 330.288



55, 65.763, 330.888



45, 33.567, 354.750



30, 5.504, 328.109



32, 68.017, 333.094



1, 5.868, 327.957

Inverse Universe

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



46, 45.158, 330.288



55, 65.763, 330.888



59, 30.743, 164.595



30, 5.504, 328.109



32, 68.017, 333.094



1, 5.868, 327.957

Previews

White Background



This preview shows how the CIELCh color 46, 45.160, 330.288 looks on a white background.

Color Contrast Check

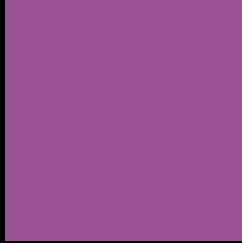
Large Text (above 18pt) WCAG AA ✓ Pass

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, 45.160, 330.288 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

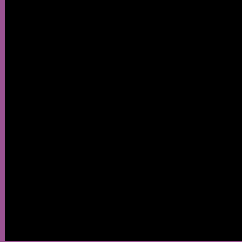
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 46, 45.160, 330.288

Background



This preview shows how black text looks on a background with the CIELCh color 46, 45.160, 330.288.

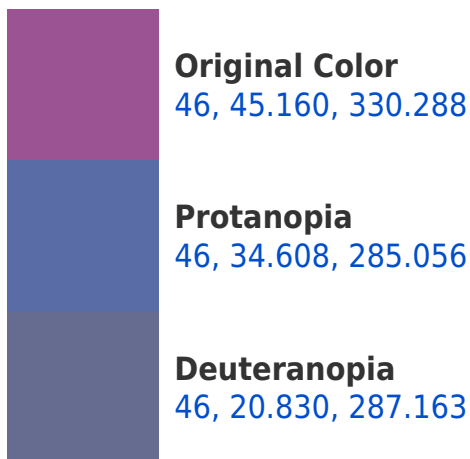


This preview shows how white text looks on a background with the CIELCh color 46, 45.160, 330.288.

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





Tritanopia
46, 24.516, 13.328

Trichromacy



Original Color
46, 45.160, 330.288

Protanomaly
46, 36.162, 302.283

Deuteranomaly
46, 28.091, 310.180

Tritanomaly
46, 29.814, 350.584

Monochromacy



Original Color
46, 45.160, 330.288

Achromatopsia
47, 0.006, 296.813

Achromatomaly
46, 17.836, 328.788

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 46, 45.160, 330.288 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(155, 83, 147)` looks like.

```
.text, #text, p{  
    color:rgb(155, 83, 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(155, 83, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 83, 147) }
```

Border

The CSS property to change the border of an element to CIELCh 46, 45.160, 330.288 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(155, 83, 147) }
```

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

```
.border{ border-color:rgb(155, 83, 147) }
```

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

Here you see how a box with a 4 pixel rgb(155, 83, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 83, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 83, 147);  
box-shadow:4px 4px 4px 4px rgb(155, 83,  
147) }
```

Background

The CSS property to change the background color of an element to CIELCh 46, 45.160, 330.288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 83, 147) }
```

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

```
.background{ background-color: rgb(155, 83,  
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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