

Converting Colors

CIELCh(46, 55.803, 330.389)

Have a look what the booklet for
CIELCh(46, 55.803, 330.389)
contains.

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Color

CIELCh(46, 55.768, 330.369)

Conversions

Conversions Part 1

Format	Color
Hex	A54A9C
RGB	165, 74, 156
RGB Percent	65%, 29%, 61%
CMY	0.3534, 0.7102, 0.3886
CMYK	0.00, 0.55, 0.05, 0.35
HSL	306°, 38%, 47%
HSV	306°, 55%, 65%
XYZ	23.9288, 15.2687, 33.0930
YIQ	110.5570, 27.9140, 44.7940

Conversions

Conversions Part 2

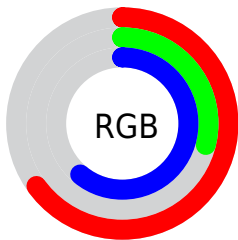
Format	Color
RYB	165, 74, 156
Decimal	10832540
CIELab	46.00, 48.48, -27.57
CIELCh	46, 55.768, 330.369
Yxy	15.2687, 0.3310, 0.2112
Android (android.graphics.Color)	4289022620 (0xFFA54A9C)
YUV	110.5570, 22.4034, 47.7465
Hunter-Lab	39.0751, 40.9280, -22.8605

Details

The CIELCh color $46, 55.768, 330.369$ is a dark color, and the websafe version is hex 993399 . A complement of this color would be $61, 56.290, 142.462$, and the grayscale version is $47, 0.006, 296.813$.

A 20% lighter version of the original color is $66, 55.789, 330.299$, and $26, 55.639, 330.336$ is the 20% darker color. If you saturate the color by 10%, you get $43, 63.656, 330.896$, and if you desaturate by 10%, it is $49, 46.665, 329.818$.

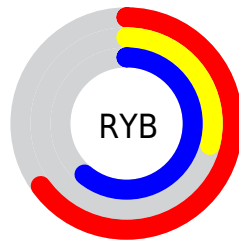
Distribution



Red (65%)

Green (29%)

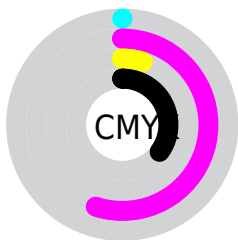
Blue (61%)



Red (65%)

Yellow (29%)

Blue (61%)

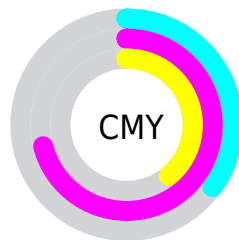


Cyan (0%)

Magenta (55%)

Yellow (5%)

Black (35%)



Cyan (35%)


Magenta (71%)


Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 46, 55.768, 330.369 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, 55.768, 330.369 by changing the saturation by 10% instead.


 46, 55.768,
330.369


 46, 55.768,
330.369


 100, 55.768,
330.369


 36, 55.768,
330.369

 66, 55.768,
330.369


 26, 55.768,
330.369

 76, 55.768,
330.369

 16, 55.768,
330.369

 86, 55.768,
330.369

 6, 55.768, 330.369

 96, 55.768,
330.369

 0, 55.768, 330.369

 46, 55.768,

 46, 55.768,

330.369

43, 63.656,
330.896

41, 69.918,
331.397

39, 74.226,
331.874

38, 76.486,
332.341

38, 77.220,
332.564

330.369

49, 46.665,
329.818

53, 36.766,
329.248

57, 26.420,
328.669


61, 15.899,
328.085

65, 5.397, 327.485

70, 4.958, 147.022

74, 15.085,
146.450

79, 24.940,
145.927

 84, 34.503,
145.432

Harmonies

Complementary

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



46, 55.768, 330.369



61, 56.290, 142.462

Rectangle

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



46, 55.768, 330.369



46, 55.768, 20.369



46, 55.768, 150.369



46, 55.768, 200.369

Sweetspot

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



46, 55.766, 330.369



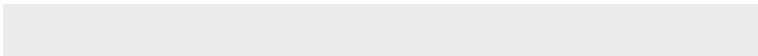
77, 22.046, 328.210



37, 55.991, 300.312



39, 14.728, 328.319



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



46, 55.766, 330.369



55, 79.061, 331.000



44, 41.844, 355.190



32, 5.857, 327.736



33, 70.451, 332.514



1, 8.884, 328.127

Inverse Universe

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



46, 55.766, 330.369



55, 79.061, 331.000



62, 38.173, 162.357



32, 5.857, 327.736



33, 70.451, 332.514



1, 8.884, 328.127

Previews

White Background



This preview shows how the CIELCh color 46, 55.768, 330.369 looks on a white background.

Color Contrast Check

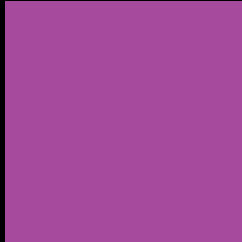
Large Text (above 18pt) WCAG AA ✓ Pass

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, 55.768, 330.369 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

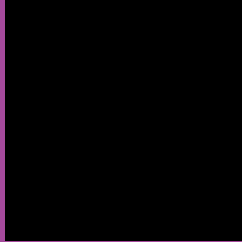
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 46, 55.768, 330.369

Background



This preview shows how black text looks on a background with the CIELCh color 46, 55.768, 330.369.

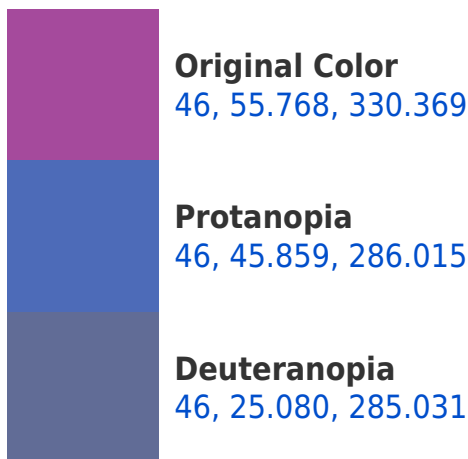


This preview shows how white text looks on a background with the CIELCh color 46, 55.768, 330.369.

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, 30.346, 16.206

Trichromacy



Original Color
46, 55.768, 330.369

Protanomaly
45, 47.366, 301.444

Deuteranomaly
45, 34.717, 309.690

Tritanomaly
46, 36.275, 352.243

Monochromacy



Original Color
46, 55.768, 330.369

Achromatopsia
46, 0.006, 296.813

Achromatomaly
45, 22.049, 328.402

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 46, 55.768, 330.369 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(165, 74, 156)` looks like.

```
.text, #text, p{  
    color:rgb(165, 74, 156)  
}
```

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(165, 74, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 74, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 46, 55.768, 330.369 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(165, 74, 156) }
```

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

```
.border{ border-color:rgb(165, 74, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 74, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 74, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 74, 156);  
box-shadow:4px 4px 4px 4px rgb(165, 74,  
156) }
```

Background

The CSS property to change the background color of an element to CIELCh 46, 55.768, 330.369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 74, 156) }
```

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

```
.background{ background-color: rgb(165, 74,  
156) }
```

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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