

Converting Colors

CIELCh(44, 58.708, 345.678)

Have a look what the booklet for
CIELCh(44, 58.708, 345.678)
contains.

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Color

CIELCh(44, 58.806, 345.926)

Conversions

Conversions Part 1

Format	Color
Hex	B33681
RGB	179, 54, 129
RGB Percent	70%, 21%, 51%
CMY	0.2975, 0.7877, 0.4937
CMYK	0.00, 0.70, 0.28, 0.30
HSL	324°, 54%, 46%
HSV	324°, 70%, 70%
XYZ	23.9163, 13.8382, 22.2196
YIQ	99.9250, 50.4250, 49.8250

Conversions

Conversions Part 2

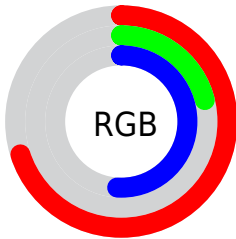
Format	Color
R_{YB}	179, 54, 129
Decimal	11744897
CIE _{Lab}	44.00, 57.04, -14.30
CIE _{LCh}	44, 58.806, 345.926
Yxy	13.8382, 0.3988, 0.2307
Android (android.graphics.Color)	4289934977 (0xFFB33681)
YUV	99.9250, 14.3340, 69.3488
Hunter-Lab	37.1997, 49.6607, -9.3743

Details

The CIELCh color **44, 58.806, 345.926** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **65, 58.457, 150.679**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 58.967, 345.878**, and **26, 52.451, 347.328** is the 20% darker color. If you saturate the color by 10%, you get **42, 63.453, 347.760**, and if you desaturate by 10%, it is **47, 52.417, 344.418**.

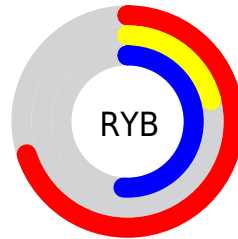
Distribution



Red (70%)

Green (21%)

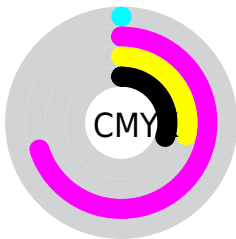
Blue (51%)



Red (70%)

Yellow (21%)

Blue (51%)

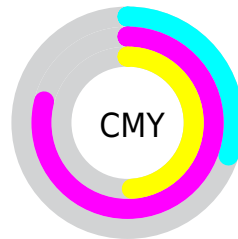


Cyan (0%)

Magenta (70%)

Yellow (28%)

Black (30%)



Cyan (30%)

Magenta (79%)

Yellow (49%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 58.806, 345.926 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 44, 58.806, 345.926 by changing the saturation by 10% instead.

 44, 58.806,
345.926

 44, 58.806,
345.926


 100, 58.806,
345.926

 34, 58.806,
345.926

 64, 58.806,
345.926

 24, 58.806,
345.926

 74, 58.806,
345.926

 14, 58.806,
345.926

 84, 58.806,
345.926

 4, 58.806, 345.926

 94, 58.806,
345.926

 0, 58.806, 345.926

 44, 58.806,

 44, 58.806,

345.926

42, 63.453,
347.760

40, 66.088,
350.032

39, 67.047,
352.771

39, 67.066,
352.834

345.926

47, 52.417,
344.418

51, 44.728,
343.143

55, 36.187,
342.036

59, 27.178,
341.052

63, 17.990,
340.161

68, 8.823, 339.332

73, 0.193, 160.393

78, 8.986, 157.973

83, 17.518,

Harmonies

Complementary

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



44, 58.806, 345.926



65, 58.457, 150.679

Rectangle

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



44, 58.806, 345.926



44, 58.806, 35.926



44, 58.806, 165.926



44, 58.806, 215.926

Sweetspot

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



44, 58.803, 345.927



80, 23.598, 340.296



36, 75.801, 309.755



41, 16.121, 340.534



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



44, 58.803, 345.927



53, 79.128, 348.979



42, 55.509, 23.205



35, 5.095, 339.295



33, 59.835, 352.414



2, 11.302, 344.279

Inverse Universe

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



44, 58.803, 345.927



53, 79.128, 348.979



66, 36.675, 185.486



35, 5.095, 339.295



33, 59.835, 352.414



2, 11.302, 344.279

Previews

White Background



This preview shows how the CIELCh color 44, 58.806, 345.926 looks on a white background.

Color Contrast Check

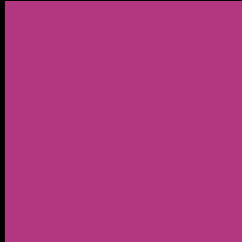
Large Text (above 18pt) WCAG AA ✓ Pass

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 44, 58.806, 345.926 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

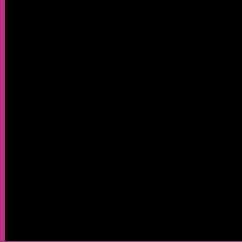
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 58.806, 345.926

Background



This preview shows how black text looks on a background with the CIELCh color 44, 58.806, 345.926.

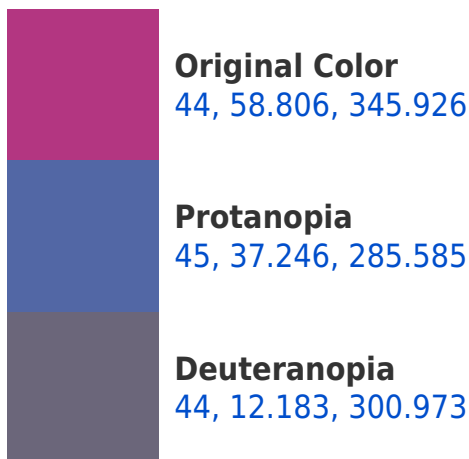


This preview shows how white text looks on a background with the CIELCh color 44, 58.806, 345.926.

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

44, 47.884, 24.147

Trichromacy



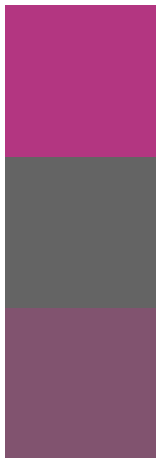
Original Color
44, 58.806, 345.926

Protanomaly
42, 41.879, 310.528

Deuteranomaly
43, 30.202, 331.562

Tritanomaly
44, 48.947, 8.525

Monochromacy



Original Color
44, 58.806, 345.926

Achromatopsia
42, 0.006, 296.813

Achromatomaly
41, 25.018, 341.076

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 58.806, 345.926 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(179, 54, 129)` looks like.

```
.text, #text, p{  
    color:rgb(179, 54, 129)  
}
```

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(179, 54, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 54, 129) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 58.806, 345.926 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(179, 54, 129) }
```

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

```
.border{ border-color:rgb(179, 54, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 54, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 54, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 54, 129);  
box-shadow:4px 4px 4px 4px rgb(179, 54,  
129) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 58.806, 345.926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 54, 129) }
```

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

```
.background{ background-color: rgb(179, 54,  
129) }
```

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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