

Converting Colors

CIELCh(51, 46.715, 345.872)

Have a look what the booklet for
CIELCh(51, 46.715, 345.872)
contains.

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Color

CIELCh(51, 46.918, 345.910)

Conversions

Conversions Part 1

Format	Color
Hex	B9588E
RGB	185, 88, 142
RGB Percent	73%, 35%, 56%
CMY	0.2742, 0.6546, 0.4429
CMYK	0.00, 0.52, 0.23, 0.27
HSL	327°, 41%, 54%
HSV	327°, 52%, 73%
XYZ	28.4077, 19.2686, 27.8393
YIQ	123.1590, 40.4780, 37.3580

Conversions

Conversions Part 2

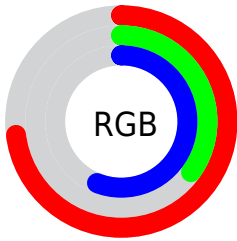
Format	Color
R _Y B	185, 88, 142
Decimal	12146830
CIE Lab	51.00, 45.51, -11.42
CIE LCh	51, 46.918, 345.910
Yxy	19.2686, 0.3762, 0.2552
Android (android.graphics.Color)	4290336910 (0xFFB9588E)
YUV	123.1590, 9.2886, 54.2346
Hunter-Lab	43.8960, 38.6997, -6.8750

Details

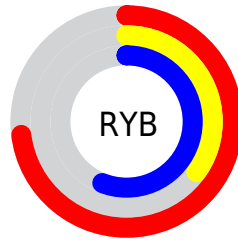
The CIELCh color **51, 46.918, 345.910** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **68, 45.236, 155.319**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 47.044, 345.655**, and **31, 46.878, 345.705** is the 20% darker color. If you saturate the color by 10%, you get **47, 54.376, 347.402**, and if you desaturate by 10%, it is **55, 38.503, 344.645**.

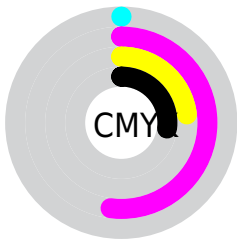
Distribution



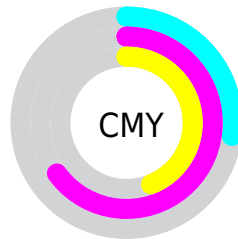
- Red (73%)
- Green (35%)
- Blue (56%)



- Red (73%)
- Yellow (35%)
- Blue (56%)



- Cyan (0%)
- Magenta (52%)
- Yellow (23%)
- Black (27%)





- Cyan (27%)
- Magenta (65%)
- Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 51, 46.918, 345.910 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 51, 46.918, 345.910 by changing the saturation by 10% instead.


 51, 46.918,
345.910


 51, 46.918,
345.910


 100, 46.918,
345.910


 41, 46.918,
345.910


 71, 46.918,
345.910

 31, 46.918,
345.910

 81, 46.918,
345.910

 21, 46.918,
345.910

 91, 46.918,
345.910

 11, 46.918,
345.910

 1, 46.918, 345.910

 0, 46.918, 345.910

51, 46.918,
345.910

51, 46.918,
345.910

47, 54.376,
347.402

55, 38.503,
344.645

45, 60.421,
349.208

59, 29.549,
343.544

42, 64.640,
351.446

64, 20.372,
342.564

41, 66.833,
354.256

69, 11.194,
341.672

40, 67.544,
356.736

74, 2.156, 340.736

79, 6.658, 160.225

84, 15.204,
159.516

89, 23.467,
158.879

■ 95, 31.447,
158.289

Harmonies

Complementary

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



51, 46.918, 345.910



68, 45.236, 155.319

Rectangle

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



51, 46.918, 345.910



51, 46.918, 35.910



51, 46.918, 165.910



51, 46.918, 215.910

Sweetspot

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



51, 46.915, 345.911



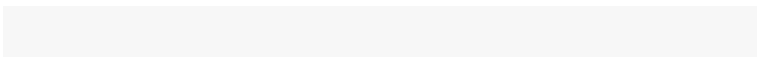
85, 17.866, 342.008



46, 58.604, 309.692



44, 12.074, 342.189



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



51, 46.915, 345.911



60, 67.332, 347.670



50, 42.508, 20.735



36, 5.060, 341.407



33, 59.523, 356.208



3, 12.634, 347.522

Inverse Universe

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



51, 46.915, 345.911



60, 67.332, 347.670



70, 30.530, 190.273



36, 5.060, 341.407



33, 59.523, 356.208



3, 12.634, 347.522

Previews

White Background



This preview shows how the CIELCh color 51, 46.918, 345.910 looks on a white background.

Color Contrast Check

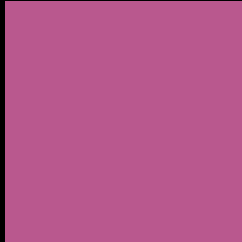
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIE LCh color 51, 46.918, 345.910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

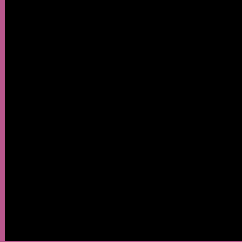
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 46.918, 345.910

Background



This preview shows how black text looks on a background with the CIELCh color 51, 46.918, 345.910.



This preview shows how white text looks on a background with the CIELCh color 51, 46.918, 345.910.

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

51, 46.918, 345.910

Protanopia

51, 26.350, 285.455

Deuteranopia

51, 10.985, 307.713



Tritanopia
51, 36.853, 18.374

Trichromacy



Original Color
51, 46.918, 345.910

Protanomaly
50, 30.630, 313.568

Deuteranomaly
51, 23.789, 333.139

Tritanomaly
51, 38.687, 4.605

Monochromacy



Original Color
51, 46.918, 345.910

Achromatopsia
52, 0.007, 296.813

Achromatomaly
51, 18.475, 342.789

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 46.918, 345.910 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(185, 88, 142)` looks like.

```
.text, #text, p{  
    color:rgb(185, 88, 142)  
}
```

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(185, 88, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 88, 142) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 46.918, 345.910 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(185, 88, 142) }
```

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

```
.border{ border-color:rgb(185, 88, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 88, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 88, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 88, 142);  
box-shadow:4px 4px 4px 4px rgb(185, 88,  
142) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 46.918, 345.910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 88, 142) }
```

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

```
.background{ background-color: rgb(185, 88,  
142) }
```

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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