

Converting Colors

CIELCh(51, 53.354, 346.785)

Have a look what the booklet for
CIELCh(51, 53.354, 346.785)
contains.

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Color

CIELCh(51, 53.420, 346.725)

Conversions

Conversions Part 1

Format	Color
Hex	C25190
RGB	194, 81, 144
RGB Percent	76%, 32%, 56%
CMY	0.2405, 0.6835, 0.4365
CMYK	0.00, 0.58, 0.26, 0.24
HSL	327°, 48%, 54%
HSV	327°, 58%, 76%
XYZ	30.0935, 19.2686, 28.3986
YIQ	121.9690, 47.1250, 43.5490

Conversions

Conversions Part 2

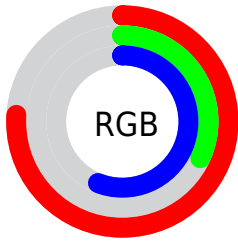
Format	Color
R_{YB}	194, 81, 144
Decimal	12734864
CIE _{Lab}	51.00, 51.99, -12.27
CIE _{LCh}	51, 53.420, 346.725
Yxy	19.2686, 0.3870, 0.2478
Android (android.graphics.Color)	4290924944 (0xFFC25190)
YUV	121.9690, 10.8613, 63.1712
Hunter-Lab	43.8960, 45.5549, -7.6306

Details

The CIELCh color **51, 53.420, 346.725** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **71, 51.637, 154.374**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 53.566, 346.577**, and **31, 53.512, 346.463** is the 20% darker color. If you saturate the color by 10%, you get **48, 60.318, 348.398**, and if you desaturate by 10%, it is **55, 45.231, 345.331**.

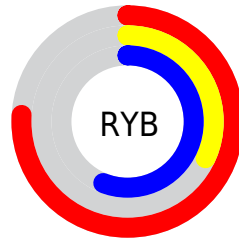
Distribution



Red (76%)

Green (32%)

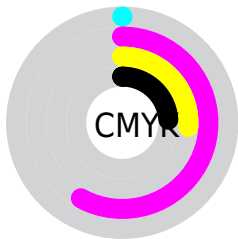
Blue (56%)



Red (76%)

Yellow (32%)

Blue (56%)

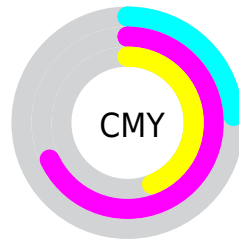


Cyan (0%)

Magenta (58%)

Yellow (26%)

Black (24%)



Cyan (24%)


Magenta (68%)


Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 51, 53.420, 346.725 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, 53.420, 346.725 by changing the saturation by 10% instead.


 51, 53.420,
346.725


 51, 53.420,
346.725


 100, 53.420,
346.725


 41, 53.420,
346.725


 71, 53.420,
346.725

 31, 53.420,
346.725

 81, 53.420,
346.725

 21, 53.420,
346.725

 91, 53.420,
346.725

 11, 53.420,
346.725

 1, 53.420, 346.725

 0, 53.420, 346.725

51, 53.420,
346.725

51, 53.420,
346.725

48, 60.318,
348.398

55, 45.231,
345.331

45, 65.465,
350.454

59, 36.230,
344.135

43, 68.544,
353.028

64, 26.809,
343.085

42, 69.709,
356.212

69, 17.257,
342.143

42, 69.860,
356.766

74, 7.772, 341.270

79, 1.526, 160.792

84, 10.568,
159.869

90, 19.323,
159.194

■ 95, 27.781,
158.576

Harmonies

Complementary

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



51, 53.420, 346.725



71, 51.637, 154.374

Rectangle

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



51, 53.420, 346.725



51, 53.420, 36.725



51, 53.420, 166.725



51, 53.420, 216.725

Sweetspot

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



51, 53.417, 346.726



88, 21.011, 342.139



45, 67.795, 310.056



45, 14.750, 342.409



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



51, 53.417, 346.726



61, 75.613, 348.926



49, 49.610, 22.247



38, 5.295, 341.360



35, 60.948, 356.217



3, 16.388, 348.843

Inverse Universe

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



51, 53.417, 346.726



61, 75.613, 348.926



72, 34.120, 189.849



38, 5.295, 341.360



35, 60.948, 356.217



3, 16.388, 348.843

Previews

White Background



This preview shows how the CIELCh color 51, 53.420, 346.725 looks on a white background.

Color Contrast Check

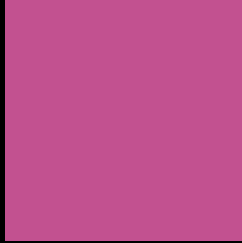
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIELCh color 51, 53.420, 346.725 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

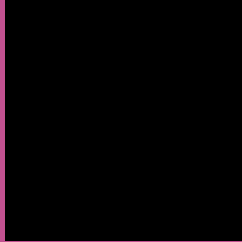
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 53.420, 346.725

Background



This preview shows how black text looks on a background with the CIELCh color 51, 53.420, 346.725.

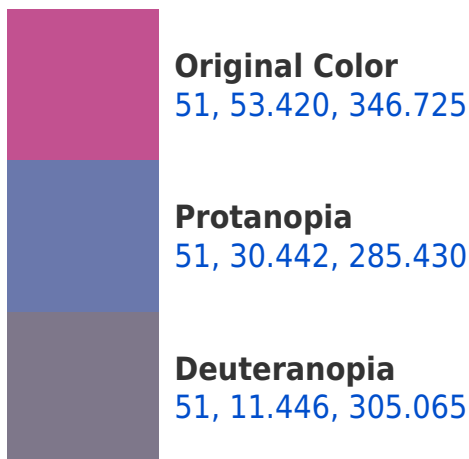


This preview shows how white text looks on a background with the CIELCh color 51, 53.420, 346.725.

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
51, 43.222, 21.133

Trichromacy



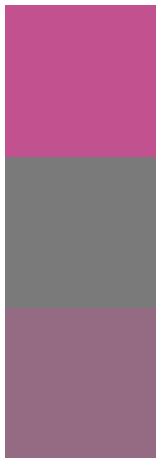
Original Color
51, 53.420, 346.725

Protanomaly
50, 34.780, 313.067

Deuteranomaly
50, 26.977, 333.928

Tritanomaly
51, 44.732, 6.616

Monochromacy



Original Color
51, 53.420, 346.725

Achromatopsia
51, 0.007, 296.813

Achromatomaly
50, 21.089, 342.796

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 53.420, 346.725 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(194, 81, 144)` looks like.

```
.text, #text, p{  
    color:rgb(194, 81, 144)  
}
```

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(194, 81, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 81, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 53.420, 346.725 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(194, 81, 144) }
```

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

```
.border{ border-color:rgb(194, 81, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 81, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 81, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 81, 144);  
box-shadow:4px 4px 4px 4px rgb(194, 81,  
144) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 53.420, 346.725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 81, 144) }
```

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

```
.background{ background-color: rgb(194, 81,  
144) }
```

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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