

Converting Colors

CIELCh(53, 73.738, 349.695)

Have a look what the booklet for
CIELCh(53, 73.738, 349.695)
contains.

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Color

CIELCh(53, 73.800, 349.786)

Conversions

Conversions Part 1

Format	Color
Hex	E33497
RGB	227, 52, 151
RGB Percent	89%, 20%, 59%
CMY	0.1095, 0.7956, 0.4076
CMYK	0.00, 0.77, 0.33, 0.11
HSL	326°, 76%, 55%
HSV	326°, 77%, 89%
XYZ	38.5291, 21.0462, 31.3405
YIQ	115.6110, 72.5210, 67.8890

Conversions

Conversions Part 2

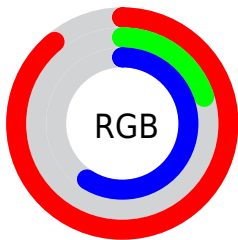
Format	Color
R_{YB}	227, 52, 151
Decimal	14890135
CIE _{Lab}	53.00, 72.63, -13.09
CIE _{LCh}	53, 73.800, 349.786
Yxy	21.0462, 0.4238, 0.2315
Android (android.graphics.Color)	4293080215 (0xFFE33497)
YUV	115.6110, 17.4468, 97.6882
Hunter-Lab	45.8761, 69.6303, -8.3910

Details

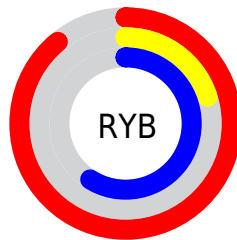
The CIELCh color **53, 73.800, 349.786** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle washed rose. A complement of this color would be **80, 73.963, 150.645**, and the grayscale version is **49, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 66.008, 341.686**, and **36, 63.705, 352.742** is the 20% darker color. If you saturate the color by 10%, you get **51, 77.395, 352.296**, and if you desaturate by 10%, it is **56, 67.814, 347.783**.

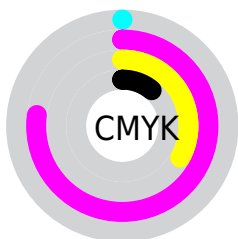
Distribution



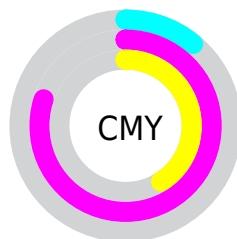
- Red (89%)
- Green (20%)
- Blue (59%)



- Red (89%)
- Yellow (20%)
- Blue (59%)



- Cyan (0%)
- Magenta (77%)
- Yellow (33%)
- Black (11%)





- Cyan (11%)
- Magenta (80%)
- Yellow (41%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 73.800, 349.786 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 53, 73.800, 349.786 by changing the saturation by 10% instead.


 53, 73.800,
349.786


 53, 73.800,
349.786


 100, 73.800,
349.786


 43, 73.800,
349.786


 73, 73.800,
349.786

 33, 73.800,
349.786

 83, 73.800,
349.786

 23, 73.800,
349.786

 93, 73.800,
349.786

 13, 73.800,
349.786

 3, 73.800, 349.786

 0, 73.800, 349.786

53, 73.800,
349.786

53, 73.800,
349.786

51, 77.395,
352.296

56, 67.814,
347.783

50, 78.639,
355.442

60, 59.832,
346.150

49, 78.808,
356.447

64, 50.401,
344.784


69, 40.064,
343.609

75, 29.270,
342.575

80, 18.347,
341.643

86, 7.515, 340.773

92, 3.092, 160.198

 98, 12.518,
160.572

Harmonies

Complementary

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



53, 73.800, 349.786



80, 73.963, 150.645

Rectangle

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



53, 73.800, 349.786



53, 73.800, 39.786



53, 73.800, 169.786



53, 73.800, 219.786

Sweetspot

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



53, 73.796, 349.787



85, 27.298, 342.201



42, 99.861, 310.888



43, 18.922, 342.549



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



53, 73.796, 349.787



56, 85.518, 353.955



51, 75.381, 28.736



45, 6.121, 340.982



39, 65.982, 355.830



7, 28.371, 350.143

Inverse Universe

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



53, 73.796, 349.787



56, 85.518, 353.955



82, 45.204, 188.441



45, 6.121, 340.982



39, 65.982, 355.830



7, 28.371, 350.143

Previews

White Background



This preview shows how the CIELCh color 53, 73.800, 349.786 looks on a white background.

Color Contrast Check

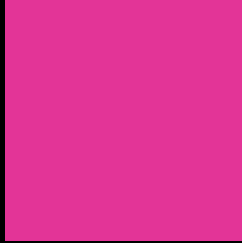
Large Text (above 18pt) WCAG AA ✓ Pass

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 53, 73.800, 349.786 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

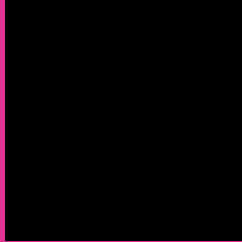
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 73.800, 349.786

Background



This preview shows how black text looks on a background with the CIELCh color 53, 73.800, 349.786.



This preview shows how white text looks on a background with the CIELCh color 53, 73.800, 349.786.

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

53, 73.800, 349.786

Protanopia

53, 44.120, 285.429

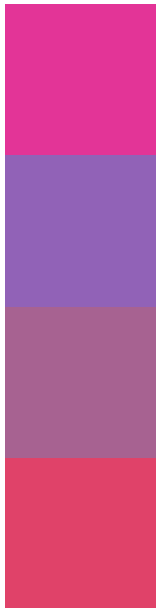
Deuteranopia

53, 10.907, 307.692



Tritanopia
53, 64.903, 27.202

Trichromacy



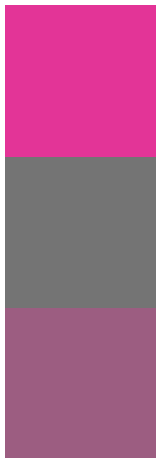
Original Color
53, 73.800, 349.786

Protanomaly
50, 51.836, 313.056

Deuteranomaly
51, 37.374, 338.198

Tritanomaly
53, 64.645, 12.478

Monochromacy



Original Color
53, 73.800, 349.786

Achromatopsia
49, 0.007, 296.813

Achromatomaly
48, 32.244, 343.549

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 73.800, 349.786 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(227, 52, 151)` looks like.

```
.text, #text, p{  
    color:rgb(227, 52, 151)  
}
```

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(227, 52, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 52, 151) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 73.800, 349.786 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(227, 52, 151) }
```

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

```
.border{ border-color:rgb(227, 52, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 52, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 52, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 52, 151);  
box-shadow:4px 4px 4px 4px rgb(227, 52,  
151) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 73.800, 349.786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 52, 151) }
```

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

```
.background{ background-color: rgb(227, 52,  
151) }
```

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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