

Converting Colors

CIELCh(53, 68.249, 353.465)

Have a look what the booklet for
CIELCh(53, 68.249, 353.465)
contains.

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Color

CIELCh(53, 68.386, 353.387)

Conversions

Conversions Part 1

Format	Color
Hex	DF3D8E
RGB	223, 61, 142
RGB Percent	87%, 24%, 56%
CMY	0.1246, 0.7598, 0.4424
CMYK	0.00, 0.73, 0.36, 0.12
HSL	330°, 72%, 56%
HSV	330°, 73%, 88%
XYZ	37.0798, 21.0462, 27.7747
YIQ	118.6720, 70.5510, 59.5350

Conversions

Conversions Part 2

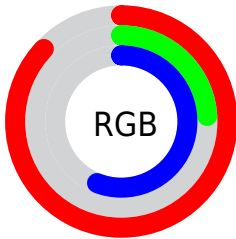
Format	Color
R_{YB}	223, 61, 142
Decimal	14630286
CIE _{Lab}	53.00, 67.93, -7.88
CIE _{LCh}	53, 68.386, 353.387
Yxy	21.0462, 0.4317, 0.2450
Android (android.graphics.Color)	4292820366 (0xFFDF3D8E)
YUV	118.6720, 11.5007, 91.4957
Hunter-Lab	45.8761, 63.9910, -3.7826

Details

The CIELCh color **53, 68.386, 353.387** is a dark color, and the websafe version is hex **FF3399**. The color can be described as middle muted rose. A complement of this color would be **80, 65.625, 154.686**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **69, 60.979, 345.894**, and **35, 61.737, 355.665** is the 20% darker color. If you saturate the color by 10%, you get **50, 73.166, 356.122**, and if you desaturate by 10%, it is **56, 61.532, 351.218**.

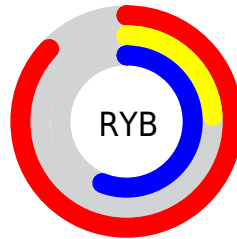
Distribution



Red (87%)

Green (24%)

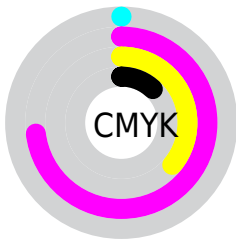
Blue (56%)



Red (87%)

Yellow (24%)

Blue (56%)

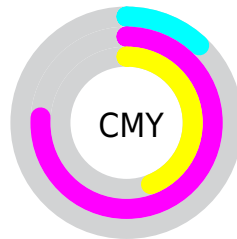


Cyan (0%)

Magenta (73%)

Yellow (36%)

Black (12%)



Cyan (12%)


Magenta (76%)


Yellow (44%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 68.386, 353.387 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, 68.386, 353.387 by changing the saturation by 10% instead.


 53, 68.386,
353.387


 53, 68.386,
353.387


 100, 68.386,
353.387


 43, 68.386,
353.387


 73, 68.386,
353.387

 33, 68.386,
353.387

 83, 68.386,
353.387

 23, 68.386,
353.387

 93, 68.386,
353.387

 13, 68.386,
353.387

 3, 68.386, 353.387

 0, 68.386, 353.387

■ 53, 68.386,
353.387

■ 53, 68.386,
353.387

■ 50, 73.166,
356.122

■ 56, 61.532,
351.218

■ 49, 75.718,
359.584

■ 61, 53.068,
349.462

■ 48, 76.568, 2.614

■ 65, 43.527,
348.003

■ 70, 33.391,
346.760

■ 76, 23.030,
345.675

■ 82, 12.699,
344.702

■ 87, 2.560, 343.703

■ 93, 7.297, 163.154

■ 98, 12.747,
169.116

Harmonies

Complementary

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



53, 68.386, 353.387



80, 65.625, 154.686

Rectangle

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



53, 68.386, 353.387



53, 68.386, 43.387



53, 68.386, 173.387



53, 68.386, 223.387

Sweetspot

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



53, 68.382, 353.388



86, 25.011, 345.634



45, 93.225, 312.503



44, 16.837, 345.916



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, 68.382, 353.388



56, 82.640, 357.782



51, 72.587, 31.412



44, 5.745, 344.413



38, 64.173, 1.860



6, 26.428, 354.755

Inverse Universe

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



53, 68.382, 353.388



56, 82.640, 357.782



81, 41.614, 196.622



44, 5.745, 344.413



38, 64.173, 1.860



6, 26.428, 354.755

Previews

White Background



This preview shows how the CIELCh color 53, 68.386, 353.387 looks on a white background.

Color Contrast Check

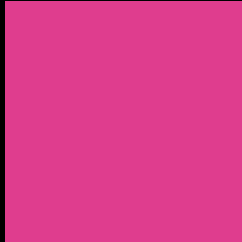
Large Text (above 18pt) WCAG AA ✓ Pass

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, 68.386, 353.387 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

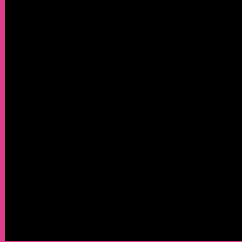
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 68.386, 353.387

Background



This preview shows how black text looks on a background with the CIELCh color 53, 68.386, 353.387.

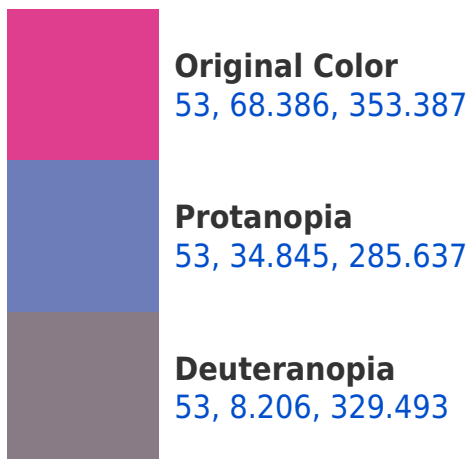


This preview shows how white text looks on a background with the CIELCh color 53, 68.386, 353.387.

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](#).

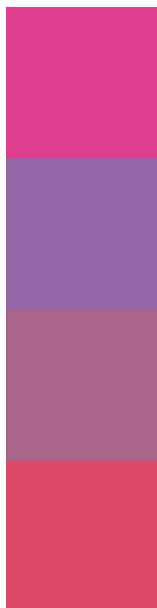
Dichromacy





Tritanopia
53, 62.260, 26.510

Trichromacy



Original Color
53, 68.386, 353.387

Protanomaly
51, 42.409, 317.916

Deuteranomaly
51, 33.142, 345.392

Tritanomaly
53, 62.048, 13.666

Monochromacy



Original Color
53, 68.386, 353.387

Achromatopsia
50, 0.007, 296.813

Achromatomaly
49, 28.802, 347.729

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 68.386, 353.387 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(223, 61, 142)` looks like.

```
.text, #text, p{  
    color:rgb(223, 61, 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(223, 61, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 61, 142) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 68.386, 353.387 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(223, 61, 142) }
```

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

```
.border{ border-color:rgb(223, 61, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 61, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 61, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 61, 142);  
box-shadow:4px 4px 4px 4px rgb(223, 61,  
142) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 68.386, 353.387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 61, 142) }
```

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

```
.background{ background-color: rgb(223, 61,  
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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