

Converting Colors

CIELCh(53, 68.127, 353.922)

Have a look what the booklet for
CIELCh(53, 68.127, 353.922)
contains.

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Color

CIELCh(53, 67.873, 353.950)

Conversions

Conversions Part 1

Format	Color
Hex	DF3E8D
RGB	223, 62, 141
RGB Percent	87%, 24%, 55%
CMY	0.1256, 0.7570, 0.4472
CMYK	0.00, 0.72, 0.37, 0.13
HSL	331°, 72%, 56%
HSV	331°, 72%, 87%
XYZ	36.9472, 21.0462, 27.3031
YIQ	119.1450, 70.5970, 58.7010

Conversions

Conversions Part 2

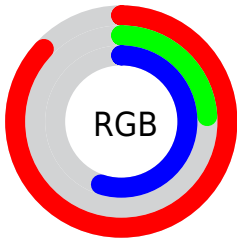
Format	Color
R_{YB}	223, 62, 141
Decimal	14630541
CIE Lab	53.00, 67.49, -7.15
CIE LCh	53, 67.873, 353.950
Yxy	21.0462, 0.4332, 0.2467
Android (android.graphics.Color)	4292820621 (0xFFDF3E8D)
YUV	119.1450, 10.7745, 91.0808
Hunter-Lab	45.8761, 63.4751, -3.1731

Details

The CIELCh color **53, 67.873, 353.950** 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 **79, 64.765, 155.218**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **69, 60.211, 346.472**, and **35, 61.605, 356.211** is the 20% darker color. If you saturate the color by 10%, you get **50, 72.758, 356.726**, and if you desaturate by 10%, it is **56, 60.950, 351.750**.

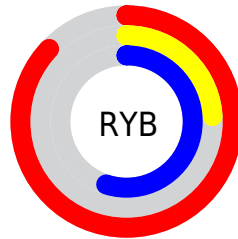
Distribution



Red (87%)

Green (24%)

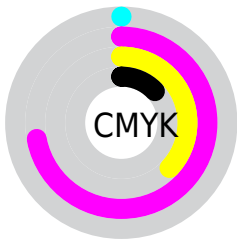
Blue (55%)



Red (87%)

Yellow (24%)

Blue (55%)

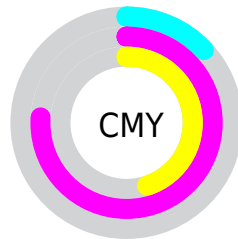


Cyan (0%)

Magenta (72%)

Yellow (37%)

Black (13%)



Cyan (13%)


Magenta (76%)


Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 67.873, 353.950 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, 67.873, 353.950 by changing the saturation by 10% instead.


 53, 67.873,
353.950


 53, 67.873,
353.950


 100, 67.873,
353.950


 43, 67.873,
353.950


 73, 67.873,
353.950

 33, 67.873,
353.950

 83, 67.873,
353.950

 23, 67.873,
353.950

 93, 67.873,
353.950

 13, 67.873,
353.950

 3, 67.873, 353.950

 0, 67.873, 353.950

■ 53, 67.873,
353.950

■ 53, 67.873,
353.950

■ 50, 72.758,
356.726

■ 56, 60.950,
351.750

■ 49, 75.443, 0.243

■ 61, 52.457,
349.971

■ 48, 76.415, 3.483

■ 65, 42.922,
348.496

■ 70, 32.820,
347.240

■ 76, 22.513,
346.145

■ 82, 12.250,
345.165

■ 88, 2.188, 344.133

■ 93, 7.586, 163.610

■ 98, 12.697,
170.227

Harmonies

Complementary

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



53, 67.873, 353.950



79, 64.765, 155.218

Rectangle

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



53, 67.873, 353.950



53, 67.873, 43.950



53, 67.873, 173.950



53, 67.873, 223.950

Sweetspot

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



53, 67.869, 353.951



86, 24.871, 346.141



45, 92.751, 312.496



44, 16.744, 346.427



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, 67.869, 353.951



56, 82.438, 358.540



51, 72.145, 31.289



44, 5.710, 344.907



38, 64.088, 2.715



6, 26.339, 355.423

Inverse Universe

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



53, 67.869, 353.951



56, 82.438, 358.540



81, 41.484, 196.628



44, 5.710, 344.907



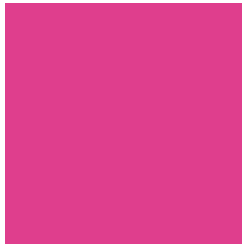
38, 64.088, 2.715



6, 26.339, 355.423

Previews

White Background



This preview shows how the CIELCh color 53, 67.873, 353.950 looks on a white background.

Color Contrast Check

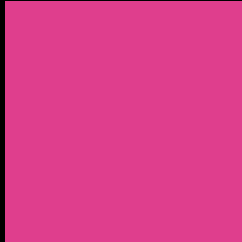
Large Text (above 18pt) WCAG AA ✓ Pass

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, 67.873, 353.950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

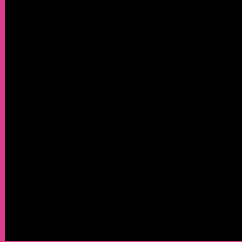
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 67.873, 353.950

Background



This preview shows how black text looks on a background with the CIELCh color 53, 67.873, 353.950.

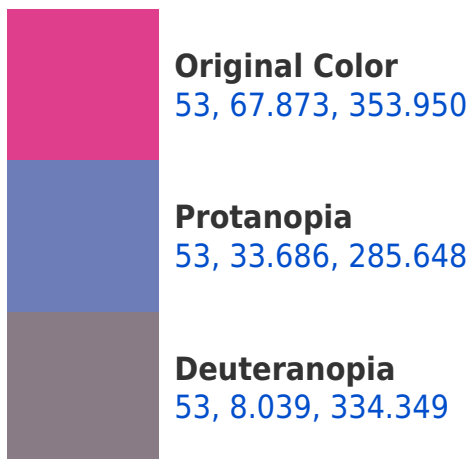


This preview shows how white text looks on a background with the CIELCh color 53, 67.873, 353.950.

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](#).

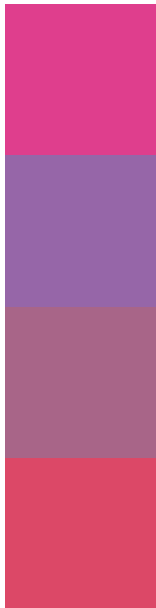
Dichromacy





Tritanopia
53, 61.976, 26.844

Trichromacy



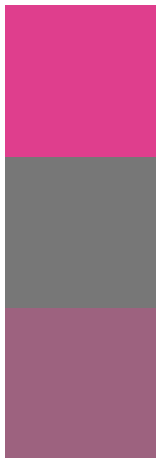
Original Color
53, 67.873, 353.950

Protanomaly
50, 41.904, 318.241

Deuteranomaly
51, 32.853, 346.238

Tritanomaly
53, 61.420, 14.288

Monochromacy



Original Color
53, 67.873, 353.950

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, 67.873, 353.950 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, 62, 141)` looks like.

```
.text, #text, p{  
    color:rgb(223, 62, 141)  
}
```

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, 62, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 62, 141) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 67.873, 353.950 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, 62, 141) }
```

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

```
.border{ border-color:rgb(223, 62, 141) }
```

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

Here you see how a box with a 4 pixel rgb(223, 62, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 62, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 62, 141);  
box-shadow:4px 4px 4px 4px rgb(223, 62,  
141) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 67.873, 353.950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 62, 141) }
```

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

```
.background{ background-color: rgb(223, 62,  
141) }
```

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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