

Converting Colors

CIELCh(53, 73.003, 352.209)

Have a look what the booklet for
CIELCh(53, 73.003, 352.209)
contains.

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Color

CIELCh(53, 73.051, 352.061)

Conversions

Conversions Part 1

Format	Color
Hex	E43492
RGB	228, 52, 146
RGB Percent	89%, 20%, 57%
CMY	0.1056, 0.7957, 0.4272
CMYK	0.00, 0.77, 0.36, 0.11
HSL	328°, 77%, 55%
HSV	328°, 77%, 89%
XYZ	38.4419, 21.0462, 29.2548
YIQ	115.3400, 74.7220, 66.5460

Conversions

Conversions Part 2

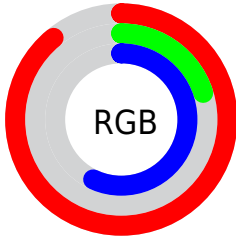
Format	Color
RYB	228, 52, 146
Decimal	14955666
CIELab	53.00, 72.35, -10.09
CIElCh	53, 73.051, 352.061
Yxy	21.0462, 0.4332, 0.2372
Android (android.graphics.Color)	4293145746 (0xFFE43492)
YUV	115.3400, 15.1154, 98.8028
Hunter-Lab	45.8761, 69.2908, -5.6954

Details

The CIELCh color **53, 73.051, 352.061** is a dark color, and the websafe version is hex **FF3399**. The color can be described as middle washed rose. A complement of this color would be **81, 72.159, 152.092**, and the grayscale version is **49, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 64.593, 343.627**, and **36, 63.076, 354.817** is the 20% darker color. If you saturate the color by 10%, you get **51, 76.707, 354.839**, and if you desaturate by 10%, it is **56, 67.063, 349.859**.

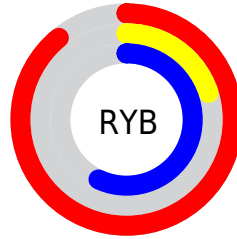
Distribution



Red (89%)

Green (20%)

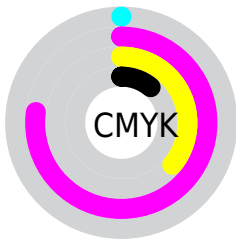
Blue (57%)



Red (89%)

Yellow (20%)

Blue (57%)

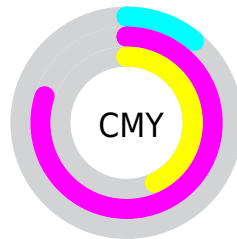


Cyan (0%)

Magenta (77%)

Yellow (36%)

Black (11%)



Cyan (11%)


Magenta (80%)


Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 73.051, 352.061 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, 73.051, 352.061 by changing the saturation by 10% instead.


 53, 73.051,
352.061


 53, 73.051,
352.061


 100, 73.051,
352.061


 43, 73.051,
352.061


 73, 73.051,
352.061

 33, 73.051,
352.061

 83, 73.051,
352.061

 23, 73.051,
352.061

 93, 73.051,
352.061

 13, 73.051,
352.061

 3, 73.051, 352.061

 0, 73.051, 352.061

53, 73.051,
352.061

53, 73.051,
352.061

51, 76.707,
354.839

56, 67.063,
349.859

50, 78.101,
358.327

60, 59.124,
348.080

49, 78.327,
359.399

64, 49.774,
346.607


69, 39.551,
345.355

75, 28.899,
344.262

80, 18.141,
343.287

86, 7.490, 342.383

92, 2.924, 161.798

 98, 11.647,
163.163

Harmonies

Complementary

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



53, 73.051, 352.061



81, 72.159, 152.092

Rectangle

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



53, 73.051, 352.061



53, 73.051, 42.061



53, 73.051, 172.061



53, 73.051, 222.061

Sweetspot

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



53, 73.047, 352.062



85, 26.742, 343.859



43, 100.157, 311.297



43, 18.543, 344.223



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, 73.047, 352.062



56, 84.674, 356.993



51, 76.445, 29.906



45, 5.989, 342.590



38, 65.334, 358.704



7, 27.977, 352.405

Inverse Universe

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



53, 73.047, 352.062



56, 84.674, 356.993



83, 44.821, 190.394



45, 5.989, 342.590



38, 65.334, 358.704



7, 27.977, 352.405

Previews

White Background



This preview shows how the CIELCh color 53, 73.051, 352.061 looks on a white background.

Color Contrast Check

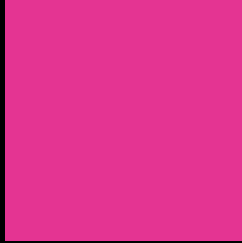
Large Text (above 18pt) WCAG AA ✓ Pass

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, 73.051, 352.061 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

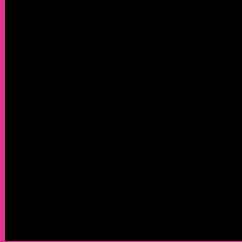
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 73.051, 352.061

Background



This preview shows how black text looks on a background with the CIELCh color 53, 73.051, 352.061.

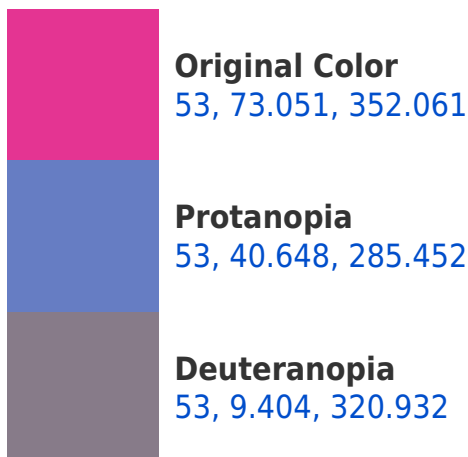


This preview shows how white text looks on a background with the CIELCh color 53, 73.051, 352.061.

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](#).

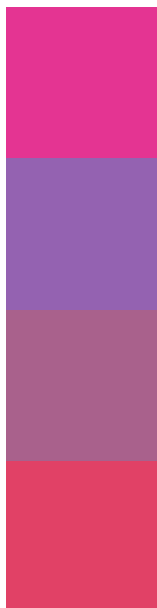
Dichromacy





Tritanopia
53, 65.990, 27.888

Trichromacy



Original Color
53, 73.051, 352.061

Protanomaly
50, 48.936, 315.490

Deuteranomaly
51, 36.820, 342.452

Tritanomaly
53, 65.467, 13.939

Monochromacy



Original Color
53, 73.051, 352.061

Achromatopsia
48, 0.006, 296.813

Achromatomaly
47, 31.963, 345.841

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 73.051, 352.061 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(228, 52, 146)` looks like.

```
.text, #text, p{  
    color:rgb(228, 52, 146)  
}
```

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(228, 52, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 52, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 73.051, 352.061 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(228, 52, 146) }
```

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

```
.border{ border-color:rgb(228, 52, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 52, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 52, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 52, 146);  
box-shadow:4px 4px 4px 4px rgb(228, 52,  
146) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 73.051, 352.061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 52, 146) }
```

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

```
.background{ background-color: rgb(228, 52,  
146) }
```

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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