

Converting Colors

CIELCh(53, 64.920, 354.009)

Have a look what the booklet for
CIELCh(53, 64.920, 354.009)
contains.

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Color

CIELCh(53, 64.920, 354.009)

Conversions

Conversions Part 1

Format	Color
Hex	DB438C
RGB	219, 67, 140
RGB Percent	86%, 26%, 55%
CMY	0.1402, 0.7362, 0.4501
CMYK	0.00, 0.69, 0.36, 0.14
HSL	331°, 68%, 56%
HSV	331°, 69%, 86%
XYZ	36.0645, 21.0462, 27.0586
YIQ	120.7700, 67.1590, 54.9270

Conversions

Conversions Part 2

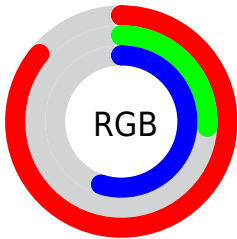
Format	Color
R_{YB}	219, 67, 140
Decimal	14369676
CIE _{Lab}	53.00, 64.57, -6.78
CIE _{LCh}	53, 64.920, 354.009
Yxy	21.0462, 0.4285, 0.2500
Android (android.graphics.Color)	4292559756 (0xFFDB438C)
YUV	120.7700, 9.4804, 86.1477
Hunter-Lab	45.8761, 60.0404, -2.8570

Details

The CIELCh color **53, 64.920, 354.009** is a dark color, and the websafe version is hex **CC0066**. The color can be described as middle muted rose. A complement of this color would be **79, 61.314, 156.321**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **69, 58.170, 347.839**, and **34, 60.673, 355.446** is the 20% darker color. If you saturate the color by 10%, you get **50, 70.397, 356.666**, and if you desaturate by 10%, it is **57, 57.574, 351.897**.

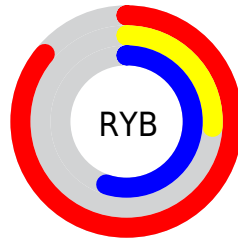
Distribution



Red (86%)

Green (26%)

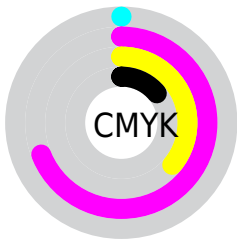
Blue (55%)



Red (86%)

Yellow (26%)

Blue (55%)

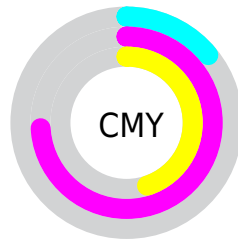


Cyan (0%)

Magenta (69%)

Yellow (36%)

Black (14%)



Cyan (14%)


Magenta (74%)


Yellow (45%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 64.920, 354.009 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, 64.920, 354.009 by changing the saturation by 10% instead.

 53, 64.920,
354.009


 53, 64.920,
354.009

 100, 64.920,
354.009


 43, 64.920,
354.009


 73, 64.920,
354.009

 33, 64.920,
354.009

 83, 64.920,
354.009

 23, 64.920,
354.009

 93, 64.920,
354.009

 13, 64.920,
354.009

 3, 64.920, 354.009

 0, 64.920, 354.009

53, 64.920,
354.009

53, 64.920,
354.009

50, 70.397,
356.666

57, 57.574,
351.897

48, 73.745, 0.035

61, 48.855,
350.181

47, 75.289, 4.182

66, 39.273,
348.751

47, 75.386, 4.475


71, 29.263,
347.529

76, 19.143,
346.458

82, 9.129, 345.490

88, 0.651, 165.370

94, 10.129,
163.964

 97, 13.885,
171.957

Harmonies

Complementary

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



53, 64.920, 354.009



79, 61.314, 156.321

Rectangle

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



53, 64.920, 354.009



53, 64.920, 44.009



53, 64.920, 174.009



53, 64.920, 224.009

Sweetspot

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



53, 64.917, 354.010



86, 23.563, 346.648



46, 88.270, 312.886



44, 15.985, 346.940



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, 64.917, 354.010



57, 80.844, 358.046



52, 67.523, 31.026



43, 5.564, 345.501



37, 63.323, 3.684



6, 24.877, 355.926

Inverse Universe

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



53, 64.917, 354.010



57, 80.844, 358.046



80, 39.388, 198.714



43, 5.564, 345.501



37, 63.323, 3.684



6, 24.877, 355.926

Previews

White Background



This preview shows how the CIELCh color 53, 64.920, 354.009 looks on a white background.

Color Contrast Check

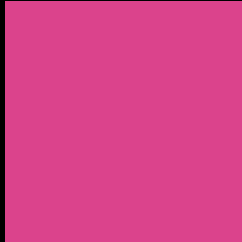
Large Text (above 18pt) WCAG AA ✓ Pass

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, 64.920, 354.009 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, 64.920, 354.009

Background



This preview shows how black text looks on a background with the CIELCh color 53, 64.920, 354.009.

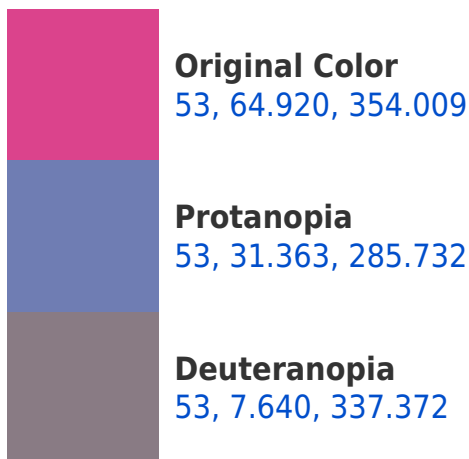


This preview shows how white text looks on a background with the CIELCh color 53, 64.920, 354.009.

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](#).

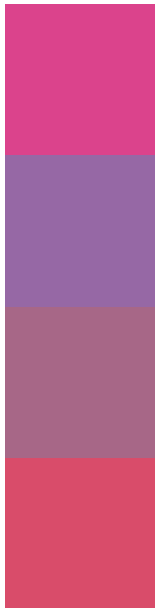
Dichromacy





Tritanopia
53, 58.704, 25.584

Trichromacy



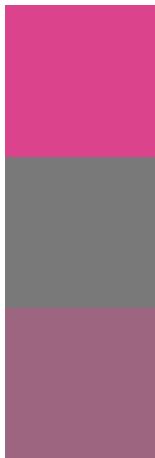
Original Color
53, 64.920, 354.009

Protanomaly
51, 39.059, 318.985

Deuteranomaly
51, 31.033, 347.344

Tritanomaly
53, 58.797, 13.259

Monochromacy



Original Color
53, 64.920, 354.009

Achromatopsia
51, 0.007, 296.813

Achromatomaly
50, 27.196, 348.053

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 64.920, 354.009 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(219, 67, 140)` looks like.

```
.text, #text, p{  
    color:rgb(219, 67, 140)  
}
```

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(219, 67, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 67, 140) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 64.920, 354.009 is called "border". The border property can be set on classes, ids or directly on the HTML element.

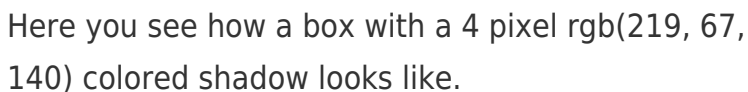
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(219, 67, 140) }
```

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

```
.border{ border-color:rgb(219, 67, 140) }
```

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



Here you see how a box with a 4 pixel `rgb(219, 67, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 67, 140); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 67, 140); box-shadow:4px 4px 4px 4px rgb(219, 67, 140) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 64.920, 354.009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 67, 140) }
```

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

```
.background{ background-color: rgb(219, 67,  
140) }
```

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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