

Converting Colors

CIELCh(53, 64.485, 1.877)

Have a look what the booklet for
CIELCh(53, 64.485, 1.877) contains.

CIELCh(53, 64.578, 2.146)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(53, 64.578, 2.146)

Conversions

Conversions Part 1	
Format	Color
Hex	DF427D
RGB	223, 66, 125
RGB Percent	87%, 26%, 49%
CMY	0.1257, 0.7414, 0.5100
CMYK	0.00, 0.70, 0.44, 0.13
HSL	337°, 71%, 57%
HSV	337°, 70%, 87%
XYZ	36.0547, 21.0462, 21.5465
YIQ	119.6690, 74.6330, 51.6330

Conversions

Conversions Part 2

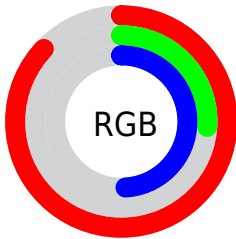
Format	Color
RYB	223, 66, 125
Decimal	14631549
CIELab	53.00, 64.53, 2.42
CIELCh	53, 64.578, 2.146
Yxy	21.0462, 0.4584, 0.2676
Android (android.graphics.Color)	4292821629 (0xFFDF427D)
YUV	119.6690, 2.6282, 90.6213
Hunter-Lab	45.8761, 60.0024, 4.2667

Details

The CIELCh color **53, 64.578, 2.146** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle muted rose. A complement of this color would be **80, 56.827, 162.188**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **69, 54.955, 355.827**, and **34, 60.180, 4.455** is the 20% darker color. If you saturate the color by 10%, you get **50, 70.437, 5.555**, and if you desaturate by 10%, it is **57, 57.074, 359.465**.

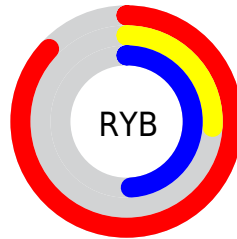
Distribution



Red (87%)

Green (26%)

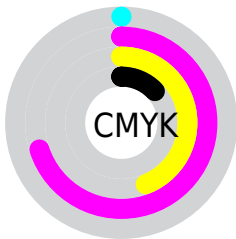
Blue (49%)



Red (87%)

Yellow (26%)

Blue (49%)

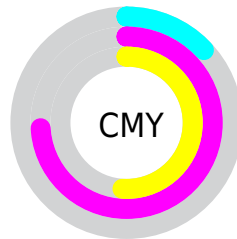


Cyan (0%)

Magenta (70%)

Yellow (44%)

Black (13%)



Cyan (13%)

Magenta (74%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 64.578, 2.146 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, 64.578, 2.146 by changing the saturation by 10% instead.

 53, 64.578, 2.146  53, 64.578, 2.146

 100, 64.578, 2.146  43, 64.578, 2.146

 73, 64.578, 2.146  33, 64.578, 2.146



 83, 64.578, 2.146  23, 64.578, 2.146

 93, 64.578, 2.146  13, 64.578, 2.146

 3, 64.578, 2.146

 0, 64.578, 2.146

 53, 64.578, 2.146  53, 64.578, 2.146

 50, 70.437, 5.555  57, 57.074,
359.465

 48, 74.501, 9.854

47, 77.179, 14.739

61, 48.358,
357.331

66, 38.905,
355.598

71, 29.128,
354.157

77, 19.332,
352.927

83, 9.715, 351.845

89, 0.390, 349.709

95, 8.586, 170.191

98, 11.263,
186.098

Harmonies

Complementary

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



53, 64.578, 2.146



80, 56.827, 162.188

Rectangle

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



53, 64.578, 2.146



53, 64.578, 52.146



53, 64.578, 182.146



53, 64.578, 232.146

Sweetspot

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



53, 64.574, 2.148



86, 22.194, 353.012



48, 90.382, 315.761



44, 15.075, 353.340



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, 64.574, 2.148



56, 80.552, 7.679



55, 65.858, 36.318



44, 5.314, 351.744



37, 64.504, 13.795



6, 25.578, 3.284

Inverse Universe

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



53, 64.574, 2.148



56, 80.552, 7.679



76, 36.548, 212.857



44, 5.314, 351.744



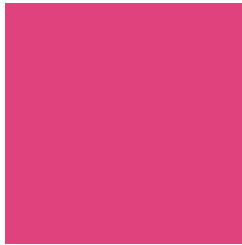
37, 64.504, 13.795



6, 25.578, 3.284

Previews

White Background



This preview shows how the CIE LCh color 53, 64.578, 2.146 looks on a white background.

Color Contrast Check

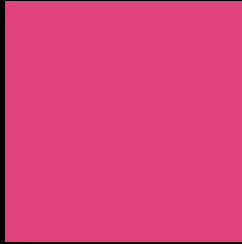
Large Text (above 18pt) WCAG AA ✓ Pass

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, 64.578, 2.146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

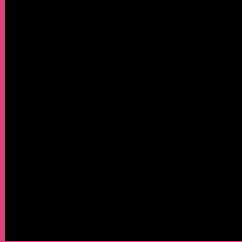
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 64.578, 2.146

Background



This preview shows how black text looks on a background with the CIELCh color 53, 64.578, 2.146.



This preview shows how white text looks on a background with the CIELCh color 53, 64.578, 2.146.

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, 64.578, 2.146

Protanopia

53, 20.347, 284.782

Deuteranopia

53, 9.047, 42.527



Tritanopia
53, 63.143, 26.741

Trichromacy



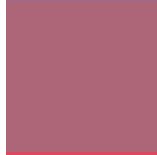
Original Color

53, 64.578, 2.146



Protanomaly

51, 32.108, 330.968



Deuteranomaly

51, 30.507, 3.958



Tritanomaly

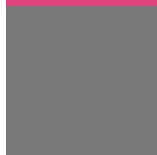
53, 62.289, 17.596

Monochromacy



Original Color

53, 64.578, 2.146



Achromatopsia

50, 0.007, 296.813



Achromatomaly

49, 26.345, 354.173

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 64.578, 2.146 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, 66, 125)` looks like.

```
.text, #text, p{  
    color:rgb(223, 66, 125)  
}
```

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, 66, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 66, 125) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 64.578, 2.146 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, 66, 125) }
```

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

```
.border{ border-color:rgb(223, 66, 125) }
```

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

Here you see how a box with a 4 pixel rgb(223, 66, 125) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 66, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 66, 125);  
box-shadow:4px 4px 4px 4px rgb(223, 66,  
125) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 64.578, 2.146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 66, 125) }
```

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

```
.background{ background-color: rgb(223, 66,  
125) }
```

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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