

Converting Colors

CIELCh(53, 58.084, 356.805)

Have a look what the booklet for
CIELCh(53, 58.084, 356.805)
contains.

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Color

CIELCh(53, 58.084, 356.805)

Conversions

Conversions Part 1

Format	Color
Hex	D44D86
RGB	212, 77, 134
RGB Percent	83%, 30%, 53%
CMY	0.1684, 0.6978, 0.4743
CMYK	0.00, 0.64, 0.37, 0.17
HSL	335°, 61%, 57%
HSV	335°, 64%, 83%
XYZ	34.1357, 21.0462, 24.8378
YIQ	123.8630, 62.1630, 46.3470

Conversions

Conversions Part 2

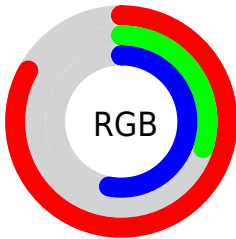
Format	Color
R_{YB}	212, 77, 134
Decimal	13913478
CIE Lab	53.00, 57.99, -3.24
CIE LCh	53, 58.084, 356.805
Yxy	21.0462, 0.4266, 0.2630
Android (android.graphics.Color)	4292103558 (0xFFD44D86)
YUV	123.8630, 4.9975, 77.2961
Hunter-Lab	45.8761, 52.5357, 0.0130

Details

The CIELCh color **53, 58.084, 356.805** 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 **77, 52.863, 160.552**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 52.691, 352.407**, and **33, 58.085, 356.550** is the 20% darker color. If you saturate the color by 10%, you get **50, 64.655, 359.440**, and if you desaturate by 10%, it is **57, 50.088, 354.708**.

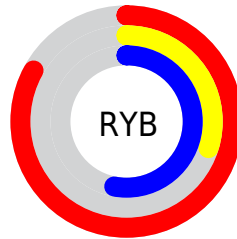
Distribution



Red (83%)

Green (30%)

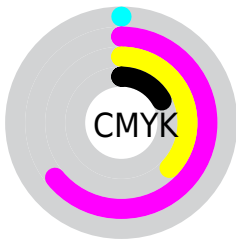
Blue (53%)



Red (83%)

Yellow (30%)

Blue (53%)

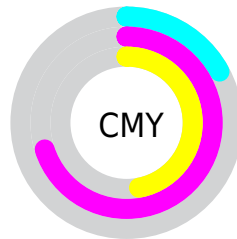


Cyan (0%)

Magenta (64%)

Yellow (37%)

Black (17%)



Cyan (17%)


Magenta (70%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 58.084, 356.805 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, 58.084, 356.805 by changing the saturation by 10% instead.


 53, 58.084,
356.805


 53, 58.084,
356.805


 100, 58.084,
356.805

 43, 58.084,
356.805


 73, 58.084,
356.805

 33, 58.084,
356.805

 83, 58.084,
356.805

 23, 58.084,
356.805

 93, 58.084,
356.805

 13, 58.084,
356.805

 3, 58.084, 356.805

 0, 58.084, 356.805

■ 53, 58.084,
356.805

■ 53, 58.084,
356.805

■ 50, 64.655,
359.440

■ 57, 50.088,
354.708

■ 47, 69.432, 2.784

■ 61, 41.156,
353.000

■ 46, 72.344, 7.000

■ 66, 31.727,
351.575

■ 45, 73.613, 10.034


■ 72, 22.140,
350.357

■ 77, 12.627,
349.287

■ 83, 3.334, 348.254

■ 89, 5.663, 167.635

■ 94, 14.328,
166.831

 97, 15.714,
178.106

Harmonies

Complementary

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



53, 58.084, 356.805



77, 52.863, 160.552

Rectangle

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



53, 58.084, 356.805



53, 58.084, 46.805



53, 58.084, 176.805



53, 58.084, 226.805

Sweetspot

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



53, 58.081, 356.806



88, 20.549, 349.865



48, 79.554, 314.166



45, 14.189, 350.181



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, 58.081, 356.806



59, 76.266, 0.406



53, 57.913, 32.042



42, 5.258, 348.863



36, 62.610, 9.198



5, 22.874, 359.315

Inverse Universe

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



53, 58.081, 356.806



59, 76.266, 0.406



76, 34.822, 205.083



42, 5.258, 348.863



36, 62.610, 9.198



5, 22.874, 359.315

Previews

White Background



This preview shows how the CIELCh color 53, 58.084, 356.805 looks on a white background.

Color Contrast Check

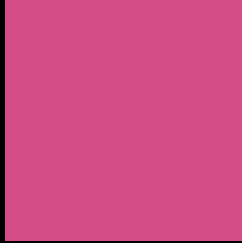
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIE LCh color 53, 58.084, 356.805 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

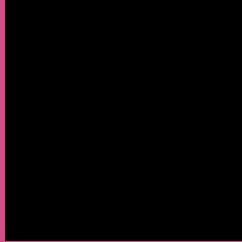
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 58.084, 356.805

Background



This preview shows how black text looks on a background with the CIELCh color 53, 58.084, 356.805.



This preview shows how white text looks on a background with the CIELCh color 53, 58.084, 356.805.

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, 58.084, 356.805

Protanopia

53, 22.658, 285.103

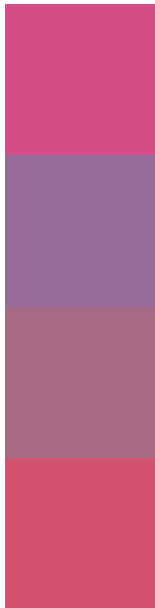
Deuteranopia

53, 6.864, 0.539



Tritanopia
53, 53.640, 23.760

Trichromacy



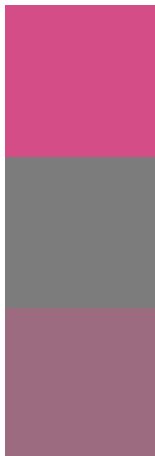
Original Color
53, 58.084, 356.805

Protanomaly
52, 31.294, 324.774

Deuteranomaly
52, 27.630, 353.251

Tritanomaly
53, 53.578, 13.708

Monochromacy



Original Color
53, 58.084, 356.805

Achromatopsia
52, 0.007, 296.813

Achromatomaly
51, 23.103, 350.796

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 58.084, 356.805 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(212, 77, 134)` looks like.

```
.text, #text, p{  
    color:rgb(212, 77, 134)  
}
```

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(212, 77, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 77, 134) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 58.084, 356.805 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(212, 77, 134) }
```

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

```
.border{ border-color:rgb(212, 77, 134) }
```

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

Here you see how a box with a 4 pixel rgb(212, 77, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 77, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 77, 134);  
box-shadow:4px 4px 4px 4px rgb(212, 77,  
134) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 58.084, 356.805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 77, 134) }
```

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

```
.background{ background-color: rgb(212, 77,  
134) }
```

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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