

Converting Colors

CIELCh(53, 69.171, 6.702)

Have a look what the booklet for
CIELCh(53, 69.171, 6.702) contains.

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Color

CIELCh(53, 69.107, 6.560)

Conversions

Conversions Part 1

Format	Color
Hex	E63974
RGB	230, 57, 116
RGB Percent	90%, 22%, 45%
CMY	0.0976, 0.7759, 0.5447
CMYK	0.00, 0.75, 0.50, 0.10
HSL	340°, 78%, 56%
HSV	340°, 75%, 90%
XYZ	37.3005, 21.0462, 18.6495
YIQ	115.4530, 84.1690, 55.0250

Conversions

Conversions Part 2

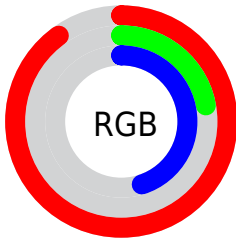
Format	Color
R_{YB}	230, 57, 116
Decimal	15087988
CIE _{Lab}	53.00, 68.65, 7.90
CIE _{LCh}	53, 69.107, 6.560
Yxy	21.0462, 0.4844, 0.2733
Android (android.graphics.Color)	4293278068 (0xFFE63974)
YUV	115.4530, 0.2697, 100.4577
Hunter-Lab	45.8761, 64.8499, 8.0108

Details

The CIELCh color **53, 69.107, 6.560** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle washed rose. A complement of this color would be **82, 58.858, 163.630**, and the grayscale version is **49, 0.006, 296.813**.

A 20% lighter version of the original color is **67, 57.033, 358.848**, and **35, 61.957, 10.803** is the 20% darker color. If you saturate the color by 10%, you get **51, 74.564, 10.606**, and if you desaturate by 10%, it is **56, 61.963, 3.369**.

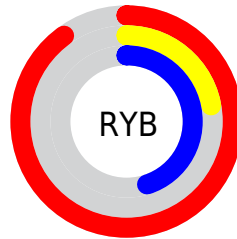
Distribution



Red (90%)

Green (22%)

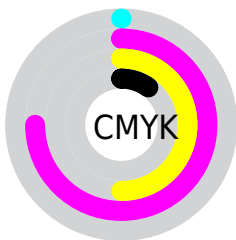
Blue (45%)



Red (90%)

Yellow (22%)

Blue (45%)

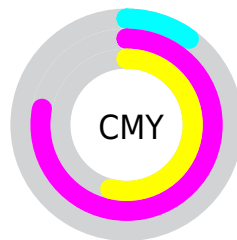


Cyan (0%)

Magenta (75%)

Yellow (50%)

Black (10%)



Cyan (10%)

Magenta (78%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 69.107, 6.560 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, 69.107, 6.560 by changing the saturation by 10% instead.

 53, 69.107, 6.560  53, 69.107, 6.560

 100, 69.107, 6.560  43, 69.107, 6.560

 73, 69.107, 6.560  33, 69.107, 6.560


 83, 69.107, 6.560  23, 69.107, 6.560

 93, 69.107, 6.560  13, 69.107, 6.560

 3, 69.107, 6.560

 0, 69.107, 6.560

 53, 69.107, 6.560  53, 69.107, 6.560

 51, 74.564, 10.606  56, 61.963, 3.369

 49, 78.415, 15.602  60, 53.451, 0.852

49, 80.029, 18.214

65, 44.032,
358.840

71, 34.158,
357.198

76, 24.184,
355.824

82, 14.350,
354.645

88, 4.801, 353.563

94, 4.388, 172.897

98, 8.624, 190.838

Harmonies

Complementary

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



53, 69.107, 6.560



82, 58.858, 163.630

Rectangle

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



53, 69.107, 6.560



53, 69.107, 56.560



53, 69.107, 186.560



53, 69.107, 236.560

Sweetspot

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



53, 69.103, 6.562



85, 23.952, 355.571



48, 97.361, 316.751



43, 16.660, 356.029



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, 69.103, 6.562



55, 82.995, 13.157



55, 71.609, 39.029



45, 5.307, 354.029



38, 65.907, 17.189



7, 26.720, 6.120

Inverse Universe

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



53, 69.103, 6.562



55, 82.995, 13.157



76, 37.786, 219.050



45, 5.307, 354.029



38, 65.907, 17.189



7, 26.720, 6.120

Previews

White Background



This preview shows how the CIELCh color 53, 69.107, 6.560 looks on a white background.

Color Contrast Check

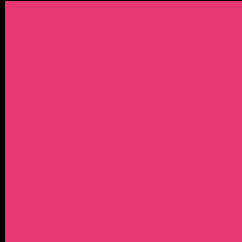
Large Text (above 18pt) WCAG AA ✓ Pass

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, 69.107, 6.560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

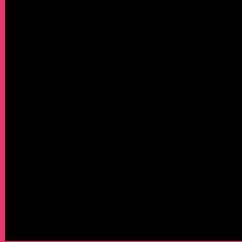
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 69.107, 6.560

Background



This preview shows how black text looks on a background with the CIELCh color 53, 69.107, 6.560.



This preview shows how white text looks on a background with the CIELCh color 53, 69.107, 6.560.

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, 69.107, 6.560

Protanopia

53, 16.250, 285.819

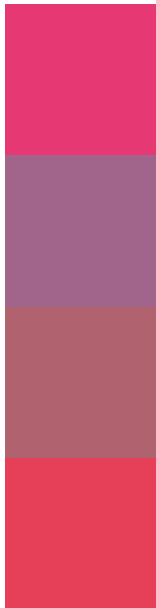
Deuteranopia

53, 13.156, 57.748



Tritanopia
53, 70.571, 29.415

Trichromacy



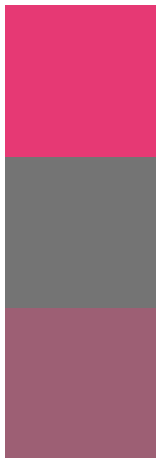
Original Color
53, 69.107, 6.560

Protanomaly
50, 32.163, 339.280

Deuteranomaly
51, 34.027, 11.664

Tritanomaly
53, 68.854, 21.507

Monochromacy



Original Color
53, 69.107, 6.560

Achromatopsia
49, 0.007, 296.813

Achromatomaly
48, 28.138, 357.851

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 69.107, 6.560 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(230, 57, 116)` looks like.

```
.text, #text, p{  
    color:rgb(230, 57, 116)  
}
```

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(230, 57, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 57, 116) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 69.107, 6.560 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(230, 57, 116) }
```

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

```
.border{ border-color:rgb(230, 57, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 57, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 57, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 57, 116);  
box-shadow:4px 4px 4px 4px rgb(230, 57,  
116) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 69.107, 6.560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 57, 116) }
```

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

```
.background{ background-color: rgb(230, 57,  
116) }
```

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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