

Converting Colors

CIELCh(54, 66.034, 356.545)

Have a look what the booklet for
CIELCh(54, 66.034, 356.545)
contains.

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Color

CIELCh(54, 65.769, 356.635)

Conversions

Conversions Part 1

Format	Color
Hex	E1448A
RGB	225, 68, 138
RGB Percent	88%, 27%, 54%
CMY	0.1177, 0.7333, 0.4588
CMYK	0.00, 0.70, 0.39, 0.12
HSL	333°, 72%, 57%
HSV	333°, 70%, 88%
XYZ	37.7028, 21.9746, 26.2967
YIQ	122.9230, 71.1020, 55.0540

Conversions

Conversions Part 2

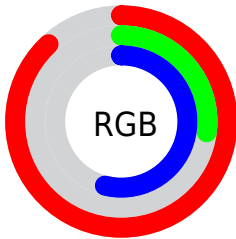
Format	Color
R _Y B	225, 68, 138
Decimal	14763146
CIE Lab	54.00, 65.66, -3.86
CIE LCh	54, 65.769, 356.635
Yxy	21.9746, 0.4385, 0.2556
Android (android.graphics.Color)	4292953226 (0xFFE1448A)
YUV	122.9230, 7.4330, 89.5215
Hunter-Lab	46.8770, 61.5314, -0.4462

Details

The CIELCh color **54, 65.769, 356.635** is a dark color, and the websafe version is hex **FF6699**. The color can be described as middle muted rose. A complement of this color would be **80, 60.892, 158.085**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **70, 56.665, 349.132**, and **35, 61.678, 358.507** is the 20% darker color. If you saturate the color by 10%, you get **51, 71.373, 359.560**, and if you desaturate by 10%, it is **58, 58.319, 354.324**.

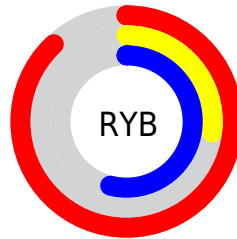
Distribution



Red (88%)

Green (27%)

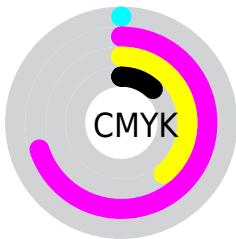
Blue (54%)



Red (88%)

Yellow (27%)

Blue (54%)

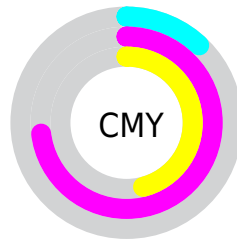


Cyan (0%)

Magenta (70%)

Yellow (39%)

Black (12%)



Cyan (12%)


Magenta (73%)


Yellow (46%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 65.769, 356.635 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 54, 65.769, 356.635 by changing the saturation by 10% instead.


 54, 65.769,
356.635


 54, 65.769,
356.635


 100, 65.769,
356.635


 44, 65.769,
356.635


 74, 65.769,
356.635

 34, 65.769,
356.635

 84, 65.769,
356.635

 24, 65.769,
356.635

 94, 65.769,
356.635

 14, 65.769,
356.635

 4, 65.769, 356.635

 0, 65.769, 356.635

■ 54, 65.769,
356.635

■ 54, 65.769,
356.635

■ 51, 71.373,
359.560

■ 58, 58.319,
354.324

■ 49, 74.906, 3.271

■ 62, 49.507,
352.463

■ 48, 76.783, 7.798

■ 67, 39.845,
350.927

■ 48, 76.824, 7.902

■ 72, 29.771,
349.628

■ 78, 19.609,
348.500

■ 84, 9.573, 347.491

■ 90, 0.209, 168.882

■ 96, 9.670, 165.915

■ 98, 10.595,
185.416

Harmonies

Complementary

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



54, 65.769, 356.635



80, 60.892, 158.085

Rectangle

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



54, 65.769, 356.635



54, 65.769, 46.635



54, 65.769, 176.635



54, 65.769, 226.635

Sweetspot

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



54, 65.765, 356.636



86, 23.081, 348.646



48, 90.534, 313.832



44, 15.664, 348.951



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



54, 65.765, 356.636



57, 80.606, 1.236



54, 68.193, 32.724



44, 5.546, 347.458



37, 63.914, 7.024



6, 25.967, 358.645

Inverse Universe

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



54, 65.765, 356.636



57, 80.606, 1.236



80, 38.880, 203.062



44, 5.546, 347.458



37, 63.914, 7.024



6, 25.967, 358.645

Previews

White Background



This preview shows how the CIELCh color 54, 65.769, 356.635 looks on a white background.

Color Contrast Check

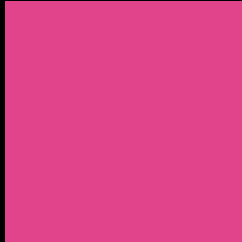
Large Text (above 18pt) WCAG AA ✓ Pass

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 54, 65.769, 356.635 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

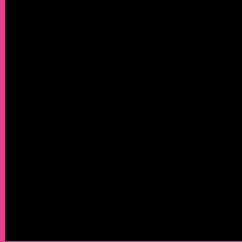
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 65.769, 356.635

Background



This preview shows how black text looks on a background with the CIELCh color 54, 65.769, 356.635.



This preview shows how white text looks on a background with the CIELCh color 54, 65.769, 356.635.

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

54, 65.769, 356.635

Protanopia

54, 27.790, 285.313

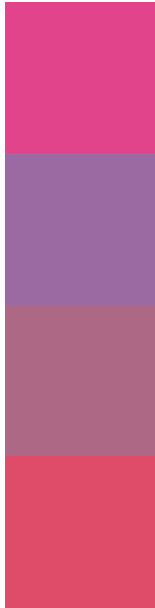
Deuteranopia

54, 7.418, 357.442



Tritanopia
54, 61.152, 26.031

Trichromacy



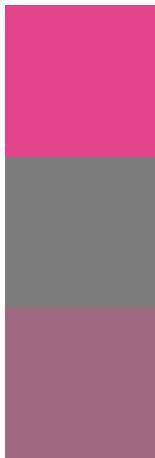
Original Color
54, 65.769, 356.635

Protanomaly
52, 37.093, 323.125

Deuteranomaly
52, 31.530, 352.024

Tritanomaly
54, 60.688, 14.648

Monochromacy



Original Color
54, 65.769, 356.635

Achromatopsia
52, 0.007, 296.813

Achromatomaly
50, 26.938, 350.705

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 65.769, 356.635 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(225, 68, 138)` looks like.

```
.text, #text, p{  
    color:rgb(225, 68, 138)  
}
```

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(225, 68, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 68, 138) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 65.769, 356.635 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(225, 68, 138) }
```

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

```
.border{ border-color:rgb(225, 68, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 68, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 68, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 68, 138);  
box-shadow:4px 4px 4px 4px rgb(225, 68,  
138) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 65.769, 356.635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 68, 138) }
```

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

```
.background{ background-color: rgb(225, 68,  
138) }
```

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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