

Converting Colors

CIELCh(54, 61.026, 8.856)

Have a look what the booklet for
CIELCh(54, 61.026, 8.856) contains.

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Color

CIELCh(54, 61.042, 8.677)

Conversions

Conversions Part 1

Format	Color
Hex	DF4B74
RGB	223, 75, 116
RGB Percent	87%, 29%, 45%
CMY	0.1256, 0.7059, 0.5452
CMYK	0.00, 0.66, 0.48, 0.13
HSL	343°, 70%, 58%
HSV	343°, 66%, 87%
XYZ	36.0908, 21.9746, 18.8568
YIQ	123.9260, 75.0470, 44.1270

Conversions

Conversions Part 2

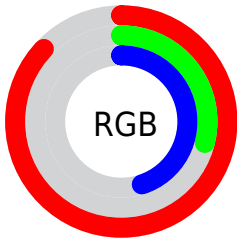
Format	Color
RYB	223, 75, 116
Decimal	14633844
CIELab	54.00, 60.34, 9.21
CIELCh	54, 61.042, 8.677
Yxy	21.9746, 0.4692, 0.2857
Android (android.graphics.Color)	4292823924 (0xFFDF4B74)
YUV	123.9260, -3.9075, 86.8879
Hunter-Lab	46.8770, 55.3932, 8.9639

Details

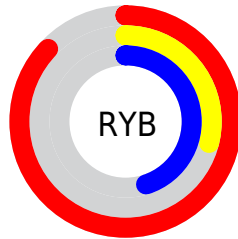
The CIELCh color **54, 61.042, 8.677** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle muted rose. A complement of this color would be **81, 49.431, 169.821**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **70, 50.420, 2.967**, and **34, 60.200, 9.196** is the 20% darker color. If you saturate the color by 10%, you get **51, 68.356, 12.216**, and if you desaturate by 10%, it is **58, 52.554, 5.890**.

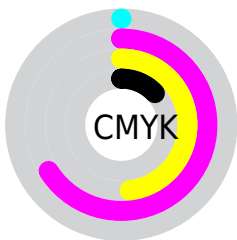
Distribution



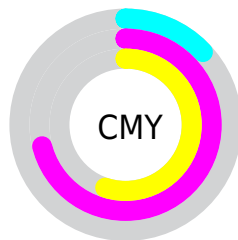
- Red (87%)
- Green (29%)
- Blue (45%)



- Red (87%)
- Yellow (29%)
- Blue (45%)



- Cyan (0%)
- Magenta (66%)
- Yellow (48%)
- Black (13%)



- Cyan (13%)
- Magenta (71%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 61.042, 8.677 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, 61.042, 8.677 by changing the saturation by 10% instead.

 54, 61.042, 8.677  54, 61.042, 8.677

 100, 61.042, 8.677  44, 61.042, 8.677

 74, 61.042, 8.677  34, 61.042, 8.677


 84, 61.042, 8.677  24, 61.042, 8.677

 94, 61.042, 8.677  14, 61.042, 8.677

 4, 61.042, 8.677

 0, 61.042, 8.677

 54, 61.042, 8.677  54, 61.042, 8.677

 51, 68.356, 12.216  58, 52.554, 5.890

 49, 74.274, 16.645  63, 43.309, 3.678

47, 78.923, 21.954

68, 33.714, 1.895

47, 80.548, 23.928

73, 24.097, 0.427

79, 14.679,
359.185

85, 5.591, 358.077

91, 3.105, 177.429

97, 11.390,
176.501

98, 10.834,
198.783

Harmonies

Complementary

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



54, 61.042, 8.677



81, 49.431, 169.821

Rectangle

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



54, 61.042, 8.677



54, 61.042, 58.677



54, 61.042, 188.677



54, 61.042, 238.677

Sweetspot

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



54, 61.039, 8.679



87, 20.149, 359.633



52, 86.116, 318.732



44, 13.820, 359.984



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, 61.039, 8.679



57, 78.611, 13.976



59, 57.974, 42.265



44, 5.044, 358.415



37, 67.071, 22.935



6, 25.324, 8.902

Inverse Universe

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



54, 61.039, 8.679



57, 78.611, 13.976



72, 34.168, 228.524



44, 5.044, 358.415



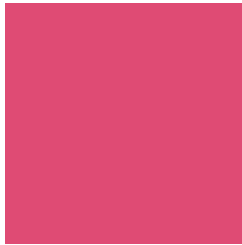
37, 67.071, 22.935



6, 25.324, 8.902

Previews

White Background



This preview shows how the CIELCh color 54, 61.042, 8.677 looks on a white background.

Color Contrast Check

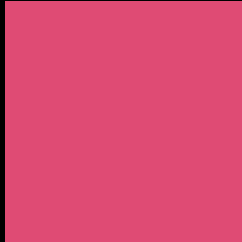
Large Text (above 18pt) WCAG AA ✓ Pass

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, 61.042, 8.677 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

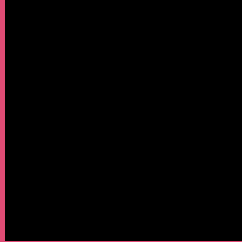
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 61.042, 8.677

Background



This preview shows how black text looks on a background with the CIELCh color 54, 61.042, 8.677.

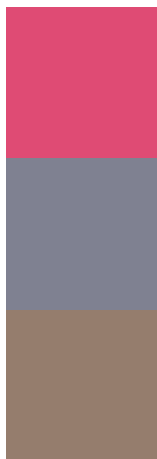


This preview shows how white text looks on a background with the CIELCh color 54, 61.042, 8.677.

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, 61.042, 8.677

Protanopia

54, 9.237, 286.644

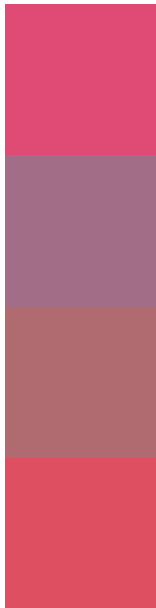
Deuteranopia

54, 13.876, 61.245



Tritanopia
54, 61.152, 26.031

Trichromacy



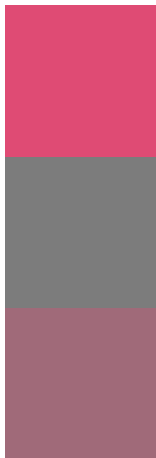
Original Color
54, 61.042, 8.677

Protanomaly
52, 25.428, 348.334

Deuteranomaly
53, 29.535, 17.681

Tritanomaly
54, 60.452, 19.802

Monochromacy



Original Color
54, 61.042, 8.677

Achromatopsia
52, 0.007, 296.813

Achromatomaly
51, 23.786, 1.311

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 61.042, 8.677 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, 75, 116)` looks like.

```
.text, #text, p{  
    color:rgb(223, 75, 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(223, 75, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 75, 116) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 61.042, 8.677 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, 75, 116) }
```

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

```
.border{ border-color:rgb(223, 75, 116) }
```

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

Here you see how a box with a 4 pixel rgb(223, 75, 116) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 75, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 75, 116);  
box-shadow:4px 4px 4px 4px rgb(223, 75,  
116) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 61.042, 8.677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 75, 116) }
```

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

```
.background{ background-color: rgb(223, 75,  
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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