

Converting Colors

CIELCh(52, 64.676, 11.115)

Have a look what the booklet for
CIELCh(52, 64.676, 11.115) contains.

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Color

CIELCh(52, 64.850, 10.955)

Conversions

Conversions Part 1

Format	Color
Hex	DE3F6A
RGB	222, 63, 106
RGB Percent	87%, 25%, 42%
CMY	0.1292, 0.7526, 0.5841
CMYK	0.00, 0.72, 0.52, 0.13
HSL	344°, 71%, 56%
HSV	344°, 72%, 87%
XYZ	34.5302, 20.1443, 15.7186
YIQ	115.4430, 80.9610, 47.0810

Conversions

Conversions Part 2

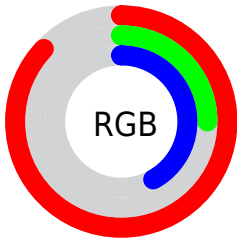
Format	Color
R_{YB}	222, 63, 106
Decimal	14565226
CIE _{Lab}	52.00, 63.67, 12.32
CIE _{LCh}	52, 64.850, 10.955
Yxy	20.1443, 0.4905, 0.2862
Android (android.graphics.Color)	4292755306 (0xFFDE3F6A)
YUV	115.4430, -4.6554, 93.4505
Hunter-Lab	44.8824, 58.7844, 10.6534

Details

The CIELCh color **52, 64.850, 10.955** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **80, 51.551, 169.494**, and the grayscale version is **49, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 54.218, 6.029**, and **34, 60.488, 14.279** is the 20% darker color. If you saturate the color by 10%, you get **49, 71.498, 14.969**, and if you desaturate by 10%, it is **56, 56.901, 7.779**.

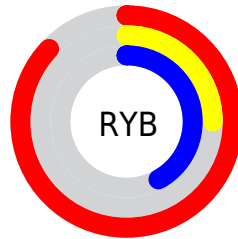
Distribution



Red (87%)

Green (25%)

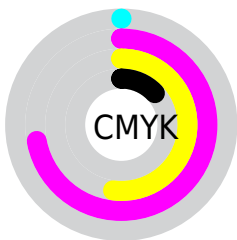
Blue (42%)



Red (87%)

Yellow (25%)

Blue (42%)

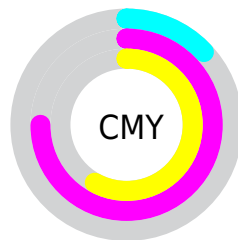


Cyan (0%)

Magenta (72%)

Yellow (52%)

Black (13%)



Cyan (13%)

Magenta (75%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 64.850, 10.955 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 52, 64.850, 10.955 by changing the saturation by 10% instead.

 52, 64.850, 10.955

 52, 64.850, 10.955

 100, 64.850,
10.955

 42, 64.850, 10.955

 72, 64.850, 10.955

 32, 64.850, 10.955

 82, 64.850, 10.955

 22, 64.850, 10.955

 92, 64.850, 10.955

 12, 64.850, 10.955

 2, 64.850, 10.955

 0, 64.850, 10.955

 52, 64.850, 10.955

 52, 64.850, 10.955

 49, 71.498, 14.969

 56, 56.901, 7.779

 48, 76.794, 19.892

 60, 47.998, 5.271

47, 80.597, 24.494

65, 38.557, 3.271

70, 28.950, 1.643

76, 19.450, 0.289

82, 10.229,
359.126

88, 1.379, 357.815

94, 7.062, 177.415

98, 11.339,
190.665

Harmonies

Complementary

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



52, 64.850, 10.955



80, 51.551, 169.494

Rectangle

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



52, 64.850, 10.955



52, 64.850, 60.955



52, 64.850, 190.955



52, 64.850, 240.955

Sweetspot

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



52, 64.847, 10.957



86, 21.142, 0.235



50, 91.102, 318.769



44, 14.385, 0.587



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



52, 64.847, 10.957



55, 82.528, 17.353



57, 63.331, 42.668



44, 5.028, 358.892



37, 67.311, 23.518



6, 25.316, 9.240

Inverse Universe

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



52, 64.847, 10.957



55, 82.528, 17.353



71, 35.490, 229.803



44, 5.028, 358.892



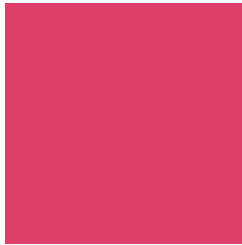
37, 67.311, 23.518



6, 25.316, 9.240

Previews

White Background



This preview shows how the CIELCh color 52, 64.850, 10.955 looks on a white background.

Color Contrast Check

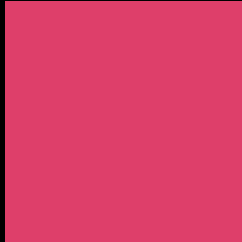
Large Text (above 18pt) WCAG AA ✓ Pass

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 52, 64.850, 10.955 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 52, 64.850, 10.955

Background



This preview shows how black text looks on a background with the CIELCh color 52, 64.850, 10.955.



This preview shows how white text looks on a background with the CIELCh color 52, 64.850, 10.955.

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

52, 64.850, 10.955

Protanopia

52, 8.128, 288.517

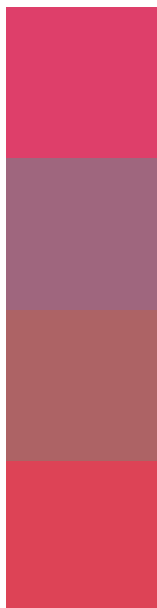
Deuteranopia

52, 16.942, 68.142



Tritanopia
52, 66.215, 28.169

Trichromacy



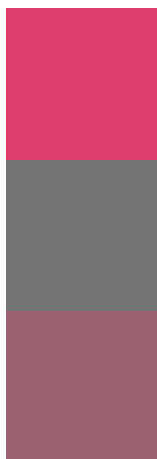
Original Color
52, 64.850, 10.955

Protanomaly
50, 26.729, 351.838

Deuteranomaly
50, 32.347, 21.683

Tritanomaly
52, 65.174, 21.779

Monochromacy



Original Color
52, 64.850, 10.955

Achromatopsia
49, 0.007, 296.813

Achromatomaly
48, 25.671, 3.254

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 64.850, 10.955 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(222, 63, 106)` looks like.

```
.text, #text, p{  
    color:rgb(222, 63, 106)  
}
```

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(222, 63, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 63, 106) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 64.850, 10.955 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(222, 63, 106) }
```

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

```
.border{ border-color:rgb(222, 63, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 63, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(222, 63, 106); -webkit-box-shadow:4px 4px 4px 4px rgb(222, 63, 106); box-shadow:4px 4px 4px 4px rgb(222, 63, 106) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 64.850, 10.955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 63, 106) }
```

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

```
.background{ background-color: rgb(222, 63,  
106) }
```

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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