

Converting Colors

CIELCh(55, 51.265, 9.774)

Have a look what the booklet for
CIELCh(55, 51.265, 9.774) contains.

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Color

CIELCh(55, 51.273, 9.717)

Conversions

Conversions Part 1

Format	Color
Hex	D55B77
RGB	213, 91, 119
RGB Percent	84%, 36%, 47%
CMY	0.1651, 0.6434, 0.5336
CMYK	0.00, 0.57, 0.44, 0.17
HSL	346°, 59%, 60%
HSV	346°, 57%, 83%
XYZ	34.4723, 22.9298, 20.0372
YIQ	130.6700, 63.7240, 34.5720

Conversions

Conversions Part 2

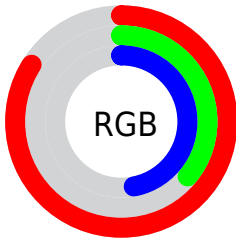
Format	Color
R_{YB}	213, 91, 119
Decimal	13982583
CIE _{Lab}	55.00, 50.54, 8.65
CIE _{LCh}	55, 51.273, 9.717
Yxy	22.9298, 0.4452, 0.2961
Android (android.graphics.Color)	4292172663 (0xFFD55B77)
YUV	130.6700, -5.7533, 72.2034
Hunter-Lab	47.8851, 44.7023, 8.7101

Details

The CIELCh color **55, 51.273, 9.717** 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 **78, 40.952, 174.920**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 44.501, 6.137**, and **35, 51.247, 9.693** is the 20% darker color. If you saturate the color by 10%, you get **51, 59.677, 12.668**, and if you desaturate by 10%, it is **59, 42.234, 7.388**.

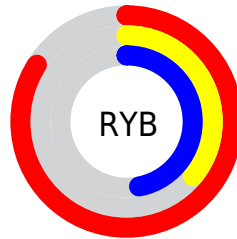
Distribution



Red (84%)

Green (36%)

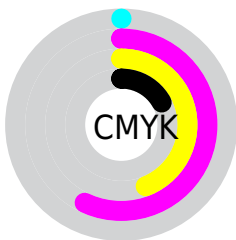
Blue (47%)



Red (84%)

Yellow (36%)

Blue (47%)

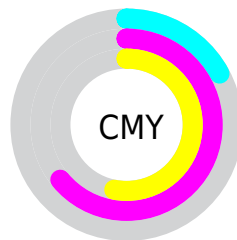


Cyan (0%)

Magenta (57%)

Yellow (44%)

Black (17%)



Cyan (17%)

Magenta (64%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 51.273, 9.717 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 55, 51.273, 9.717 by changing the saturation by 10% instead.

 55, 51.273, 9.717  55, 51.273, 9.717

 100, 51.273, 9.717  45, 51.273, 9.717

 75, 51.273, 9.717  35, 51.273, 9.717

 85, 51.273, 9.717  25, 51.273, 9.717


 95, 51.273, 9.717  15, 51.273, 9.717

 5, 51.273, 9.717

 0, 51.273, 9.717

 55, 51.273, 9.717  55, 51.273, 9.717

 51, 59.677, 12.668  59, 42.234, 7.388

 48, 67.098, 16.393  64, 32.943, 5.524

■ 46, 73.343, 20.990

■ 70, 23.695, 4.004

■ 45, 78.551, 26.321

■ 75, 14.692, 2.734

■ 45, 79.950, 27.732

■ 81, 6.050, 1.621

■ 87, 2.180, 181.034

■ 93, 9.987, 180.048

■ 97, 14.476,
188.629

■ 97, 14.080,
198.567

Harmonies

Complementary

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



55, 51.273, 9.717



78, 40.952, 174.920

Rectangle

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



55, 51.273, 9.717



55, 51.273, 59.717



55, 51.273, 189.717



55, 51.273, 239.717

Sweetspot

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



55, 51.270, 9.719



89, 16.714, 2.720



55, 73.343, 320.104



46, 11.232, 2.961



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



55, 51.270, 9.719



60, 70.551, 13.491



61, 45.493, 45.927



42, 4.755, 1.853



36, 67.368, 26.797



5, 22.104, 9.567

Inverse Universe

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



55, 51.270, 9.719



60, 70.551, 13.491



69, 30.115, 234.542



42, 4.755, 1.853



36, 67.368, 26.797



5, 22.104, 9.567

Previews

White Background



This preview shows how the CIELCh color 55, 51.273, 9.717 looks on a white background.

Color Contrast Check

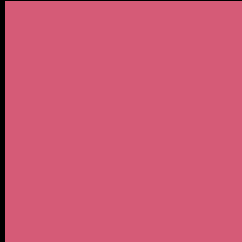
Large Text (above 18pt) WCAG AA ✓ Pass

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 55, 51.273, 9.717 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

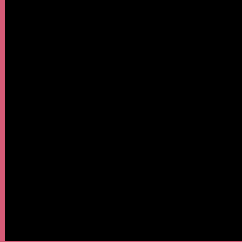
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 51.273, 9.717

Background



This preview shows how black text looks on a background with the CIELCh color 55, 51.273, 9.717.



This preview shows how white text looks on a background with the CIELCh color 55, 51.273, 9.717.

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

55, 51.273, 9.717

Protanopia

55, 5.768, 294.690

Deuteranopia

55, 13.389, 56.696



Tritanopia
55, 50.872, 22.175

Trichromacy



Original Color
55, 51.273, 9.717

Protanomaly
54, 20.495, 353.629

Deuteranomaly
54, 25.570, 21.176

Tritanomaly
55, 50.496, 17.332

Monochromacy



Original Color
55, 51.273, 9.717

Achromatopsia
55, 0.007, 296.813

Achromatomaly
54, 19.416, 2.920

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 51.273, 9.717 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(213, 91, 119)` looks like.

```
.text, #text, p{  
    color:rgb(213, 91, 119)  
}
```

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(213, 91, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 91, 119) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 51.273, 9.717 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(213, 91, 119) }
```

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

```
.border{ border-color:rgb(213, 91, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 91, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 91, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 91, 119);  
box-shadow:4px 4px 4px 4px rgb(213, 91,  
119) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 51.273, 9.717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 91, 119) }
```

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

```
.background{ background-color: rgb(213, 91,  
119) }
```

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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