

Converting Colors

CIELCh(55, 96.667, 328.530)

Have a look what the booklet for
CIELCh(55, 96.667, 328.530)
contains.

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Color

CIELCh(55, 96.752, 328.390)

Conversions

Conversions Part 1

Format	Color
Hex	DF2EDD
RGB	223, 46, 221
RGB Percent	87%, 18%, 87%
CMY	0.1247, 0.8184, 0.1325
CMYK	0.00, 0.79, 0.01, 0.12
HSL	301°, 74%, 53%
HSV	301°, 79%, 88%
XYZ	44.5629, 22.9298, 70.6234
YIQ	118.8730, 49.3170, 91.9490

Conversions

Conversions Part 2

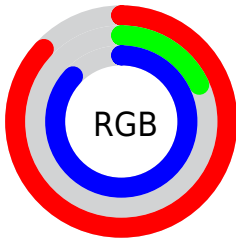
Format	Color
R _{YB}	223, 46, 221
Decimal	14626525
CIE _{Lab}	55.00, 82.40, -50.71
CIE _{LCh}	55, 96.752, 328.390
Y _{xy}	22.9298, 0.3226, 0.1660
Android (android.graphics.Color)	4292816605 (0xFFDF2EDD)
YUV	118.8730, 50.3486, 91.3194
Hunter-Lab	47.8851, 82.3168, -53.9243

Details

The CIELCh color **55, 96.752, 328.390** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light washed magenta. A complement of this color would be **78, 99.531, 137.347**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **70, 84.662, 327.285**, and **39, 83.473, 327.758** is the 20% darker color. If you saturate the color by 10%, you get **54, 101.295, 328.575**, and if you desaturate by 10%, it is **57, 89.531, 328.120**.

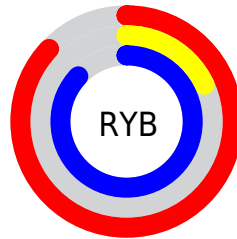
Distribution



Red (87%)

Green (18%)

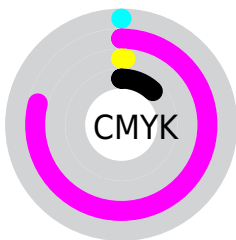
Blue (87%)



Red (87%)

Yellow (18%)

Blue (87%)

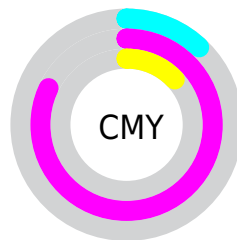


Cyan (0%)

Magenta (79%)

Yellow (1%)

Black (12%)



Cyan (12%)


Magenta (82%)


Yellow (13%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 96.752, 328.390 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, 96.752, 328.390 by changing the saturation by 10% instead.


 55, 96.752,
328.390


 55, 96.752,
328.390


 100, 96.752,
328.390


 45, 96.752,
328.390


 75, 96.752,
328.390

 35, 96.752,
328.390

 85, 96.752,
328.390

 25, 96.752,
328.390

 95, 96.752,
328.390

 15, 96.752,
328.390

 5, 96.752, 328.390

 0, 96.752, 328.390

■ 55, 96.752,
328.390

■ 55, 96.752,
328.390

■ 54, 101.295,
328.575

■ 57, 89.531,
328.120

■ 53, 103.444,
328.687

■ 60, 79.898,
327.768

■ 53, 103.571,
328.694

■ 64, 68.336,
327.344

■ 68, 55.403,
326.863

■ 73, 41.623,
326.343

■ 78, 27.424,
325.797

■ 84, 13.129,
325.233

■ 89, 1.039, 144.977

■ 95, 14.936,
144.185

Harmonies

Complementary

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



55, 96.752, 328.390



78, 99.531, 137.347

Rectangle

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



55, 96.752, 328.390



55, 96.752, 18.390



55, 96.752, 148.390



55, 96.752, 198.390

Sweetspot

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



55, 96.749, 328.390



85, 38.090, 326.068



34, 105.085, 303.795



43, 26.148, 326.263



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, 96.749, 328.390



60, 113.730, 328.652



51, 71.836, 355.123



44, 8.091, 325.244



42, 86.718, 328.687



8, 35.655, 328.607

Inverse Universe

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



55, 96.749, 328.390



60, 113.730, 328.652



79, 70.007, 153.372



44, 8.091, 325.244



42, 86.718, 328.687



8, 35.655, 328.607

Previews

White Background



This preview shows how the CIELCh color 55, 96.752, 328.390 looks on a white background.

Color Contrast Check

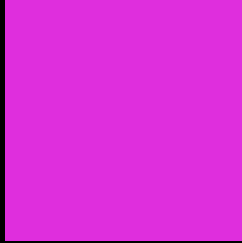
Large Text (above 18pt) WCAG AA ✓ Pass

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, 96.752, 328.390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

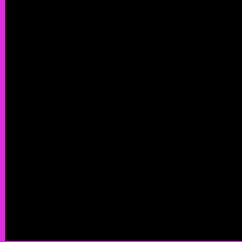
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 96.752, 328.390

Background



This preview shows how black text looks on a background with the CIELCh color 55, 96.752, 328.390.

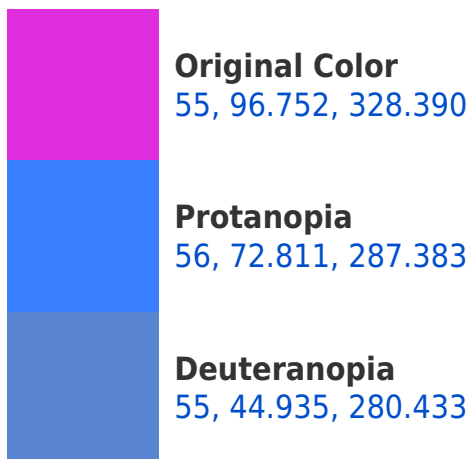


This preview shows how white text looks on a background with the CIELCh color 55, 96.752, 328.390.

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





Tritanopia
55, 49.691, 22.463

Trichromacy



Original Color
55, 96.752, 328.390



Protanomaly
51, 83.656, 302.409



Deuteranomaly
51, 65.667, 306.711



Tritanomaly
54, 60.730, 351.980

Monochromacy



Original Color
55, 96.752, 328.390



Achromatopsia
50, 0.007, 296.813



Achromatomaly
49, 43.055, 327.011

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 96.752, 328.390 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, 46, 221)` looks like.

```
.text, #text, p{  
    color:rgb(223, 46, 221)  
}
```

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, 46, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 46, 221) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 96.752, 328.390 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, 46, 221) }
```

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

```
.border{ border-color:rgb(223, 46, 221) }
```

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

Here you see how a box with a 4 pixel rgb(223, 46, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 46, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 46, 221);  
box-shadow:4px 4px 4px 4px rgb(223, 46,  
221) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 96.752, 328.390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 46, 221) }
```

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

```
.background{ background-color: rgb(223, 46,  
221) }
```

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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