

Converting Colors

CIELCh(55, 101.232, 332.096)

Have a look what the booklet for
CIELCh(55, 101.232, 332.096)
contains.

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Color

CIELCh(55, 101.347, 331.985)

Conversions

Conversions Part 1

Format	Color
Hex	EC07D8
RGB	236, 7, 216
RGB Percent	93%, 3%, 85%
CMY	0.0747, 0.9731, 0.1531
CMYK	0.00, 0.97, 0.08, 0.07
HSL	305°, 94%, 48%
HSV	305°, 97%, 93%
XYZ	47.0422, 22.9298, 66.8875
YIQ	99.2970, 69.3950, 113.5470

Conversions

Conversions Part 2

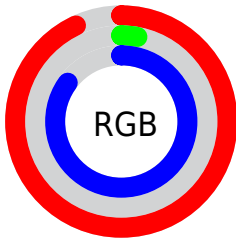
Format	Color
R _Y B	236, 7, 216
Decimal	15468504
CIE _{Lab}	55.00, 89.47, -47.60
CIE _{LCh}	55, 101.347, 331.985
Y _{xy}	22.9298, 0.3437, 0.1675
Android (android.graphics.Color)	4293658584 (0xFFEC07D8)
Y _{UV}	99.2970, 57.5346, 119.8885
Hunter-Lab	47.8851, 91.5591, -49.2987

Details

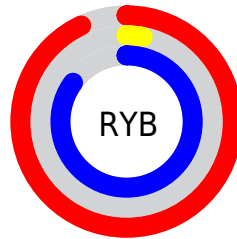
The CIELCh color **55, 101.347, 331.985** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light washed magenta. A complement of this color would be **82, 110.382, 136.821**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 90.885, 327.481**, and **41, 81.494, 331.951** is the 20% darker color. If you saturate the color by 10%, you get **55, 101.655, 332.108**, and if you desaturate by 10%, it is **56, 99.326, 331.561**.

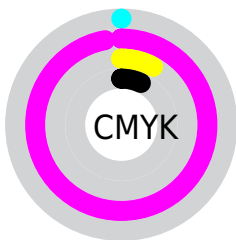
Distribution



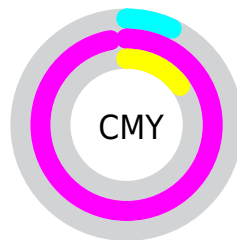
- Red (93%)
- Green (3%)
- Blue (85%)



- Red (93%)
- Yellow (3%)
- Blue (85%)



- Cyan (0%)
- Magenta (97%)
- Yellow (8%)
- Black (7%)





- Cyan (7%)
- Magenta (97%)
- Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 101.347, 331.985 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, 101.347, 331.985 by changing the saturation by 10% instead.


 55, 101.347,
331.985


 55, 101.347,
331.985


 100, 101.347,
331.985


 45, 101.347,
331.985


 75, 101.347,
331.985


 35, 101.347,
331.985


 85, 101.347,
331.985

 25, 101.347,
331.985

 95, 101.347,
331.985

 15, 101.347,
331.985

 5, 101.347,
331.985

 0, 101.347,
331.985

■ 55, 101.347,
331.985

■ 55, 101.347,
331.985

■ 55, 101.655,
332.108

■ 56, 99.326,
331.561

■ 58, 94.563,
331.120

■ 60, 87.022,
330.649

■ 64, 77.064,
330.143

■ 68, 65.246,
329.603

■ 73, 52.159,
329.038

■ 78, 38.328,
328.456

■ 83, 24.167,

327.866

■ 89, 9.976, 327.266

Harmonies

Complementary

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



55, 101.347, 331.985



82, 110.382, 136.821

Rectangle

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



55, 101.347, 331.985



55, 101.347, 21.985



55, 101.347, 151.985



55, 101.347, 201.985

Sweetspot

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



55, 101.344, 331.985



82, 43.667, 328.575



30, 124.390, 306.350



41, 29.894, 328.825



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, 101.344, 331.985



59, 107.772, 332.126



51, 79.243, 9.489



46, 7.967, 327.411



42, 83.458, 332.036



9, 36.097, 331.434

Inverse Universe

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



55, 101.344, 331.985



59, 107.772, 332.126



83, 76.015, 154.015



46, 7.967, 327.411



42, 83.458, 332.036



9, 36.097, 331.434

Previews

White Background



This preview shows how the CIELCh color 55, 101.347, 331.985 looks on a white background.

Color Contrast Check

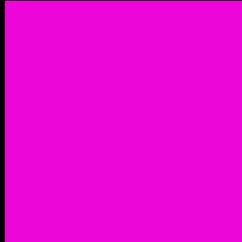
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 55, 101.347, 331.985 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

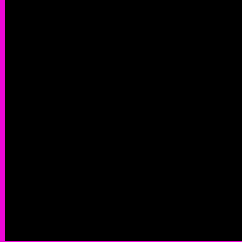
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 101.347, 331.985

Background



This preview shows how black text looks on a background with the CIELCh color 55, 101.347, 331.985.



This preview shows how white text looks on a background with the CIELCh color 55, 101.347, 331.985.

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, 101.347, 331.985

Protanopia

56, 72.184, 287.193

Deuteranopia

55, 41.292, 281.407



Tritanopia
55, 60.450, 25.644

Trichromacy



Original Color

55, 101.347, 331.985



Protanomaly

48, 90.192, 305.653



Deuteranomaly

49, 72.380, 312.266



Tritanomaly

53, 70.005, 356.851

Monochromacy



Original Color

55, 101.347, 331.985



Achromatopsia

42, 0.006, 296.813



Achromatomaly

41, 52.889, 329.877

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 101.347, 331.985 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(236, 7, 216)` looks like.

```
.text, #text, p{  
    color:rgb(236, 7, 216)  
}
```

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(236, 7, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 7, 216) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 101.347, 331.985 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(236, 7, 216) }
```

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

```
.border{ border-color:rgb(236, 7, 216) }
```

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

Here you see how a box with a 4 pixel rgb(236, 7, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 7, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 7, 216);  
box-shadow:4px 4px 4px 4px rgb(236, 7,  
216) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 101.347, 331.985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 7, 216) }
```

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

```
.background{ background-color: rgb(236, 7,  
216) }
```

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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