

Converting Colors

CIELCh(89, 10.655, 339.929)

Have a look what the booklet for
CIELCh(89, 10.655, 339.929)
contains.

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Color

CIELCh(89, 11.040, 338.914)

Conversions

Conversions Part 1

Format	Color
Hex	F0D9E7
RGB	240, 217, 231
RGB Percent	94%, 85%, 91%
CMY	0.0575, 0.1477, 0.0928
CMYK	0.00, 0.10, 0.04, 0.06
HSL	323°, 44%, 90%
HSV	323°, 10%, 94%
XYZ	75.4142, 74.1641, 86.1846
YIQ	225.4730, 9.2140, 9.2300

Conversions

Conversions Part 2

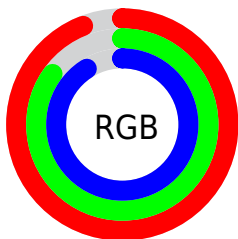
Format	Color
R _Y B	240, 217, 231
Decimal	15784423
CIE Lab	89.00, 10.30, -3.97
CIE LCh	89, 11.040, 338.914
Yxy	74.1641, 0.3199, 0.3146
Android (android.graphics.Color)	4293974503 (0xFFFF0D9E7)
YUV	225.4730, 2.7248, 12.7402
Hunter-Lab	86.1186, 5.6053, 0.9476

Details

The CIELCh color **89, 11.040, 338.914** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **93, 10.950, 157.536**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **69, 10.984, 339.940** is the 20% darker color. If you saturate the color by 10%, you get **83, 22.745, 339.752**, and if you desaturate by 10%, it is **95, 0.480, 159.084**.

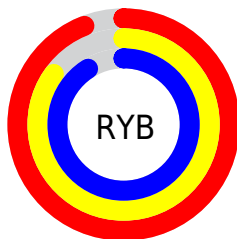
Distribution



Red (94%)

Green (85%)

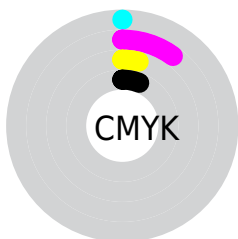
Blue (91%)



Red (94%)

Yellow (85%)

Blue (91%)

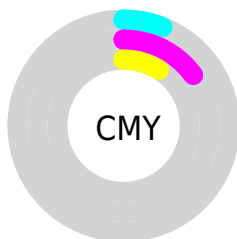


Cyan (0%)

Magenta (10%)

Yellow (4%)

Black (6%)



Cyan (6%)


Magenta (15%)


Yellow (9%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 89, 11.040, 338.914 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 89, 11.040, 338.914 by changing the saturation by 10% instead.


 89, 11.040,
338.914


 89, 11.040,
338.914


 100, 11.040,
338.914


 79, 11.040,
338.914

 69, 11.040,
338.914

 59, 11.040,
338.914

 49, 11.040,
338.914

 39, 11.040,
338.914

 29, 11.040,
338.914

 19, 11.040,

338.914

■ 9, 11.040, 338.914

■ 0, 11.040, 338.914

■ 89, 11.040,
338.914

■ 89, 11.040,
338.914

■ 83, 22.745,
339.752

■ 95, 0.480, 159.084

■ 77, 34.472,
340.651

■ 99, 5.691, 173.405

■ 72, 45.949,
341.642

■ 99, 5.050, 199.216

■ 67, 56.787,
342.758

■ 62, 66.470,

344.044

■ 58, 74.401,
345.570

■ 56, 80.018,
347.430

■ 54, 82.993,
349.743

■ 53, 83.625,
352.586

Harmonies

Complementary

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



89, 11.040, 338.914



93, 10.950, 157.536

Rectangle

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



89, 11.040, 338.914



89, 11.040, 28.914



89, 11.040, 158.914



89, 11.040, 208.914

Sweetspot

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



89, 11.037, 338.917



98, 3.609, 338.333



88, 12.457, 305.386



52, 2.737, 338.419



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



89, 11.037, 338.917



93, 13.327, 339.037



89, 8.514, 10.559



47, 6.538, 338.909



40, 68.555, 352.144



9, 30.788, 347.693

Inverse Universe

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



89, 11.037, 338.917



93, 13.327, 339.037



93, 8.118, 189.106



47, 6.538, 338.909



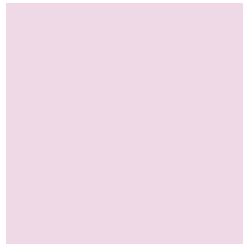
40, 68.555, 352.144



9, 30.788, 347.693

Previews

White Background



This preview shows how the CIELCh color 89, 11.040, 338.914 looks on a white background.

Color Contrast Check

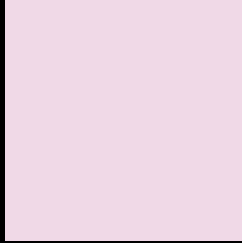
Large Text (above 18pt) WCAG AA × Fail

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 89, 11.040, 338.914 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

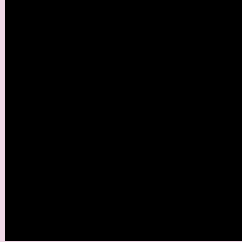
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

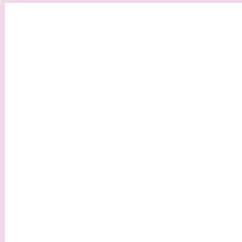
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 11.040, 338.914

Background



This preview shows how black text looks on a background with the CIELCh color 89, 11.040, 338.914.

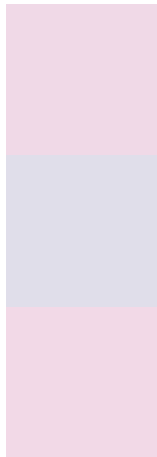


This preview shows how white text looks on a background with the CIELCh color 89, 11.040, 338.914.

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

89, 11.040, 338.914

Protanopia

89, 6.310, 297.084

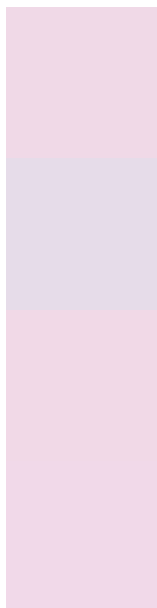
Deuteranopia

89, 11.589, 341.339



Tritanopia
89, 12.359, 334.600

Trichromacy



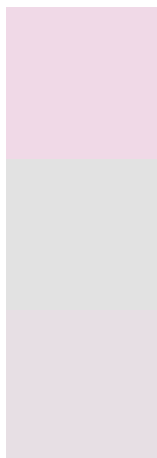
Original Color
89, 11.040, 338.914

Protanomaly
89, 7.690, 318.095

Deuteranomaly
89, 11.312, 340.155

Tritanomaly
89, 11.997, 336.341

Monochromacy



Original Color
89, 11.040, 338.914

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 3.892, 337.634

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 11.040, 338.914 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(240, 217, 231)` looks like.

```
.text, #text, p{  
    color:rgb(240, 217, 231)  
}
```

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(240, 217, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 217, 231) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 11.040, 338.914 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(240, 217, 231) }
```

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

```
.border{ border-color:rgb(240, 217, 231) }
```

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

Here you see how a box with a 4 pixel rgb(240, 217, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 217, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 217, 231);  
box-shadow:4px 4px 4px 4px rgb(240, 217,  
231) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 11.040, 338.914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 217, 231) }
```

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

```
.background{ background-color: rgb(240,  
217, 231) }
```

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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