

Converting Colors

CIELCh(89, 6.583, 351.523)

Have a look what the booklet for
CIELCh(89, 6.583, 351.523) contains.

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Color

CIELCh(89, 6.577, 351.521)

Conversions

Conversions Part 1

Format	Color
Hex	ECDCE2
RGB	236, 220, 226
RGB Percent	93%, 86%, 89%
CMY	0.0763, 0.1390, 0.1155
CMYK	0.00, 0.07, 0.04, 0.08
HSL	338°, 29%, 89%
HSV	338°, 7%, 92%
XYZ	73.5742, 74.1641, 82.0568
YIQ	225.4680, 7.6100, 5.2580

Conversions

Conversions Part 2

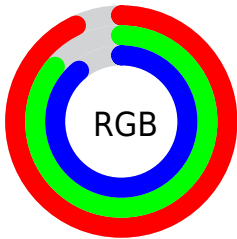
Format	Color
R _Y B	236, 220, 226
Decimal	15523042
CIE Lab	89.00, 6.51, -0.97
CIE LCh	89, 6.577, 351.521
Yxy	74.1641, 0.3202, 0.3227
Android (android.graphics.Color)	4293713122 (0xFFECDCE2)
YUV	225.4680, 0.2623, 9.2366
Hunter-Lab	86.1186, 1.7914, 3.7894

Details

The CIELCh color `89, 6.577, 351.521` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `92, 6.471, 170.454`, 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, 6.600, 350.097` is the 20% darker color. If you saturate the color by 10%, you get `83, 16.526, 352.590`, and if you desaturate by 10%, it is `95, 3.042, 170.881`.

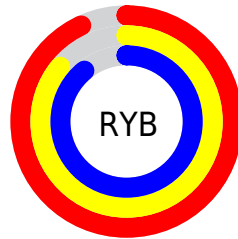
Distribution



Red (93%)

Green (86%)

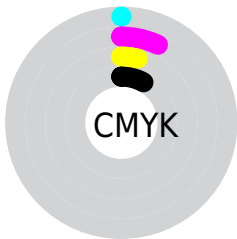
Blue (89%)



Red (93%)

Yellow (86%)

Blue (89%)

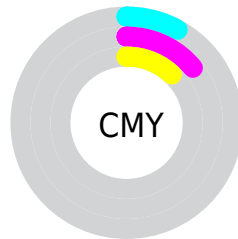


Cyan (0%)

Magenta (7%)

Yellow (4%)

Black (8%)



Cyan (8%)

Magenta (14%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 6.577, 351.521 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, 6.577, 351.521 by changing the saturation by 10% instead.

89, 6.577, 351.521

89, 6.577, 351.521

100, 6.577,
351.521

79, 6.577, 351.521

69, 6.577, 351.521

59, 6.577, 351.521

49, 6.577, 351.521

39, 6.577, 351.521

29, 6.577, 351.521

19, 6.577, 351.521

9, 6.577, 351.521

0, 6.577, 351.521

89, 6.577, 351.521

89, 6.577, 351.521

83, 16.526,
352.590

95, 3.042, 170.881

77, 26.717,
353.764

99, 6.671, 199.030

71, 36.974,
355.129

99, 6.671, 199.082

66, 47.019,
356.756

61, 56.455,
358.746

57, 64.794, 1.233

54, 71.550, 4.388

52, 76.436, 8.391

50, 79.602, 13.342

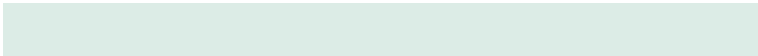
Harmonies

Complementary

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



89, 6.577, 351.521



92, 6.471, 170.454

Rectangle

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



89, 6.577, 351.521



89, 6.577, 41.521



89, 6.577, 171.521



89, 6.577, 221.521

Sweetspot

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



89, 6.575, 351.531



99, 2.052, 350.903



89, 9.081, 313.300



53, 1.167, 350.881



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, 6.575, 351.531



95, 8.281, 351.662



89, 5.223, 30.310



46, 5.509, 351.811



38, 65.923, 14.013



7, 27.882, 4.628

Inverse Universe

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



89, 6.575, 351.531



95, 8.281, 351.662



92, 5.001, 210.355



46, 5.509, 351.811



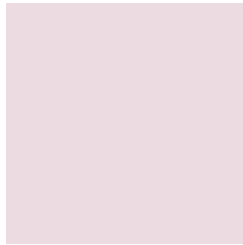
38, 65.923, 14.013



7, 27.882, 4.628

Previews

White Background



This preview shows how the CIELCh color 89, 6.577, 351.521 looks on a white background.

Color Contrast Check

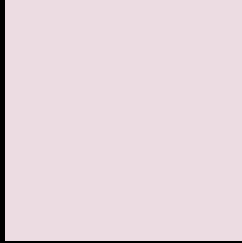
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 89, 6.577, 351.521 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

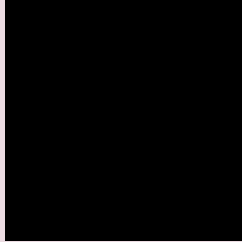
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

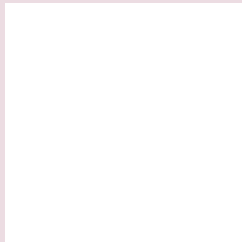
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 6.577, 351.521

Background



This preview shows how black text looks on a background with the CIELCh color 89, 6.577, 351.521.



This preview shows how white text looks on a background with the CIELCh color 89, 6.577, 351.521.

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
89, 11.186, 327.870

Trichromacy



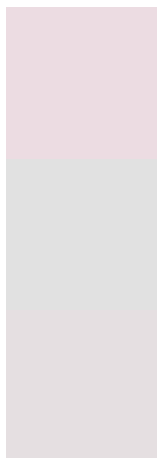
Original Color
89, 6.577, 351.521

Protanomaly
89, 3.899, 337.637

Deuteranomaly
89, 9.317, 353.577

Tritanomaly
89, 9.132, 332.216

Monochromacy



Original Color
89, 6.577, 351.521

Achromatopsia
90, 0.011, 296.813

Achromatomaly
89, 2.405, 353.717

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 6.577, 351.521 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, 220, 226)` looks like.

```
.text, #text, p{  
    color:rgb(236, 220, 226)  
}
```

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, 220, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 220, 226) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 6.577, 351.521 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, 220, 226) }
```

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

```
.border{ border-color:rgb(236, 220, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 220, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 220, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 220, 226);  
box-shadow:4px 4px 4px 4px rgb(236, 220,  
226) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 6.577, 351.521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 220, 226) }
```

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

```
.background{ background-color: rgb(236,  
220, 226) }
```

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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