

Converting Colors

CIELCh(89, 6.920, 352.520)

Have a look what the booklet for
CIELCh(89, 6.920, 352.520) contains.

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Color

CIELCh(89, 6.904, 352.991)

Conversions

Conversions Part 1

Format	Color
Hex	ECDBE1
RGB	236, 219, 225
RGB Percent	93%, 86%, 88%
CMY	0.0733, 0.1399, 0.1164
CMYK	0.00, 0.07, 0.05, 0.07
HSL	339°, 31%, 89%
HSV	339°, 7%, 93%
XYZ	73.7413, 74.1641, 81.8848
YIQ	224.7670, 8.2060, 5.4700

Conversions

Conversions Part 2

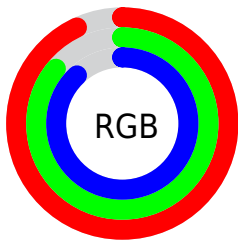
Format	Color
R _Y B	236, 219, 225
Decimal	15522785
CIE Lab	89.00, 6.85, -0.84
CIE LCh	89, 6.904, 352.991
Yxy	74.1641, 0.3209, 0.3227
Android (android.graphics.Color)	4293712865 (0xFFEADB E1)
YUV	224.7670, 0.1149, 9.8513
Hunter-Lab	86.1186, 2.1378, 3.9079

Details

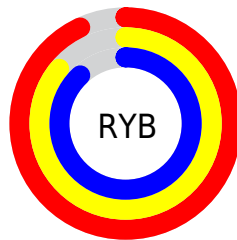
The CIELCh color **89, 6.904, 352.991** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **92, 6.779, 171.830**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **69, 6.942, 351.726** is the 20% darker color. If you saturate the color by 10%, you get **83, 16.783, 354.078**, and if you desaturate by 10%, it is **95, 2.631, 172.364**.

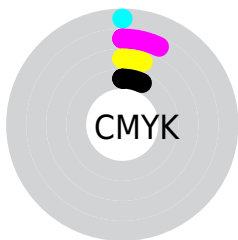
Distribution



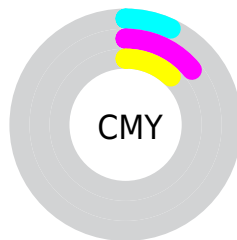
- Red (93%)
- Green (86%)
- Blue (88%)



- Red (93%)
- Yellow (86%)
- Blue (88%)



- Cyan (0%)
- Magenta (7%)
- Yellow (5%)
- Black (7%)



- Cyan (7%)
- Magenta (14%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 6.904, 352.991 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, 6.904, 352.991 by changing the saturation by 10% instead.

89, 6.904, 352.991

89, 6.904, 352.991

100, 6.904,
352.991

79, 6.904, 352.991

69, 6.904, 352.991

59, 6.904, 352.991

49, 6.904, 352.991

39, 6.904, 352.991

29, 6.904, 352.991

19, 6.904, 352.991

9, 6.904, 352.991

0, 6.904, 352.991

89, 6.904, 352.991

89, 6.904, 352.991

83, 16.783,
354.078

95, 2.631, 172.364

99, 6.409, 199.103

77, 26.920,
355.282

71, 37.142,
356.690

66, 47.175,
358.378

61, 56.626, 0.452

57, 65.013, 3.055

54, 71.867, 6.360

52, 76.929, 10.543

50, 80.395, 15.667

Harmonies

Complementary

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



89, 6.904, 352.991



92, 6.779, 171.830

Rectangle

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



89, 6.904, 352.991



89, 6.904, 42.991



89, 6.904, 172.991



89, 6.904, 222.991

Sweetspot

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



89, 6.902, 353.001



99, 2.025, 352.319



89, 9.692, 313.866



53, 1.151, 352.295



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, 6.902, 353.001



94, 9.214, 353.197



89, 5.486, 32.020



46, 5.440, 353.241



38, 66.348, 16.122



7, 27.837, 6.108

Inverse Universe

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



89, 6.902, 353.001



94, 9.214, 353.197



92, 5.239, 212.147



46, 5.440, 353.241



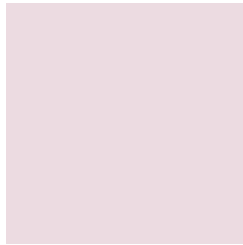
38, 66.348, 16.122



7, 27.837, 6.108

Previews

White Background



This preview shows how the CIELCh color 89, 6.904, 352.991 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, 6.904, 352.991 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

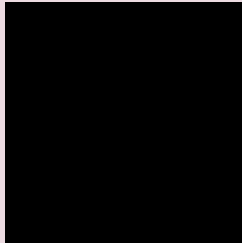
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

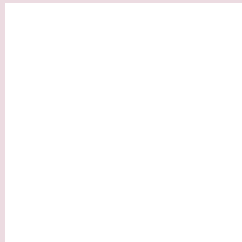
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 6.904, 352.991

Background



This preview shows how black text looks on a background with the CIELCh color 89, 6.904, 352.991.

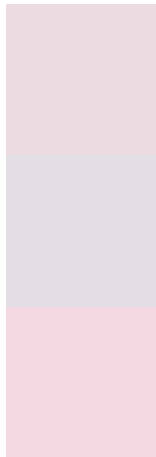


This preview shows how white text looks on a background with the CIELCh color 89, 6.904, 352.991.

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

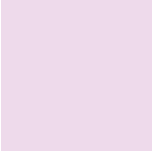
89, 6.904, 352.991

Protanopia

89, 2.993, 318.832

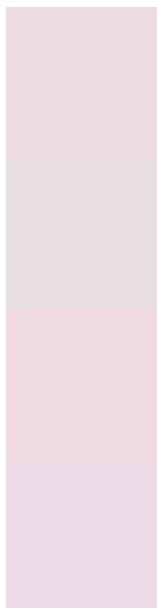
Deuteranopia

89, 10.857, 354.704



Tritanopia
89, 11.405, 329.317

Trichromacy



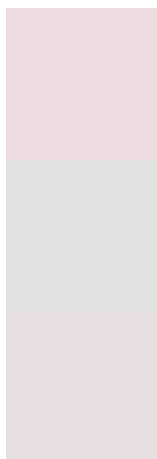
Original Color
89, 6.904, 352.991

Protanomaly
89, 4.172, 340.977

Deuteranomaly
89, 9.317, 353.577

Tritanomaly
89, 9.633, 335.448

Monochromacy



Original Color
89, 6.904, 352.991

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, 6.904, 352.991 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, 219, 225)` looks like.

```
.text, #text, p{  
    color:rgb(236, 219, 225)  
}
```

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, 219, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 219, 225) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 6.904, 352.991 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, 219, 225) }
```

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

```
.border{ border-color:rgb(236, 219, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 219, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 219, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 219, 225);  
box-shadow:4px 4px 4px 4px rgb(236, 219,  
225) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 6.904, 352.991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 219, 225) }
```

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

```
.background{ background-color: rgb(236,  
219, 225) }
```

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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