

Converting Colors

CIELCh(89, 5.646, 325.816)

Have a look what the booklet for
CIELCh(89, 5.646, 325.816) contains.

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Color

CIELCh(89, 5.715, 324.607)

Conversions

Conversions Part 1

Format	Color
Hex	E6DDE6
RGB	230, 221, 230
RGB Percent	90%, 87%, 90%
CMY	0.0985, 0.1338, 0.0985
CMYK	0.00, 0.04, 0.00, 0.10
HSL	300°, 15%, 88%
HSV	300°, 4%, 90%
XYZ	72.6901, 74.1641, 85.2630
YIQ	224.7170, 2.4750, 4.7070

Conversions

Conversions Part 2

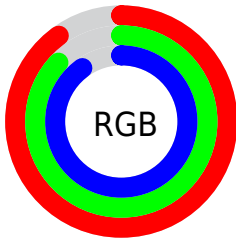
Format	Color
R _Y B	230, 221, 230
Decimal	15130086
CIE Lab	89.00, 4.66, -3.31
CIE LCh	89, 5.715, 324.607
Yxy	74.1641, 0.3132, 0.3195
Android (android.graphics.Color)	4293320166 (0xFFE6DDE6)
YUV	224.7170, 2.6045, 4.6332
Hunter-Lab	86.1186, -0.0410, 1.5821

Details

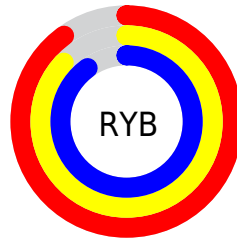
The CIELCh color `89, 5.715, 324.607` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `90, 5.693, 144.271`, and the grayscale version is `89, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `69, 6.018, 324.681` is the 20% darker color. If you saturate the color by 10%, you get `83, 20.420, 325.193`, and if you desaturate by 10%, it is `95, 8.776, 144.146`.

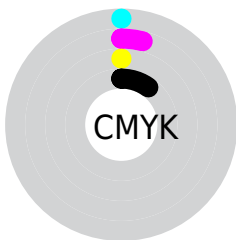
Distribution



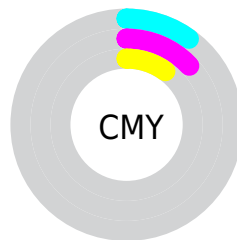
- Red (90%)
- Green (87%)
- Blue (90%)



- Red (90%)
- Yellow (87%)
- Blue (90%)



- Cyan (0%)
- Magenta (4%)
- Yellow (0%)
- Black (10%)



- Cyan (10%)
- Magenta (13%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 5.715, 324.607 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, 5.715, 324.607 by changing the saturation by 10% instead.

■ 89, 5.715, 324.607

■ 89, 5.715, 324.607

■ 100, 5.715,
324.607

■ 79, 5.715, 324.607

■ 69, 5.715, 324.607

■ 59, 5.715, 324.607

■ 49, 5.715, 324.607

■ 39, 5.715, 324.607

■ 29, 5.715, 324.607

■ 19, 5.715, 324.607

■ 9, 5.715, 324.607

■ 0, 5.715, 324.607

89, 5.715, 324.607

89, 5.715, 324.607

83, 20.420,
325.193

95, 8.776, 144.146

78, 35.159,
325.745

98, 15.668,
143.874

73, 49.655,
326.276

98, 15.668,
143.874

68, 63.522,
326.772

98, 15.668,
143.874

64, 76.268,
327.217

98, 15.668,
143.874

61, 87.327,
327.593

98, 15.668,
143.874

58, 96.144,
327.886

98, 15.668,
143.874

56, 102.318,
328.087

98, 15.668,
143.875

■ 55, 105.756,
328.198

■ 98, 15.668,
143.875

Harmonies

Complementary

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



89, 5.715, 324.607



90, 5.693, 144.271

Rectangle

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



89, 5.715, 324.607



89, 5.715, 14.607



89, 5.715, 144.607



89, 5.715, 194.607

Sweetspot

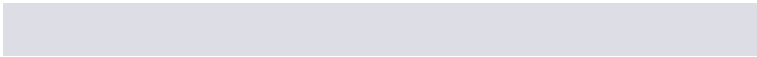
The Sweet Spot groups the original color and five complimentary colors.



89, 5.713, 324.607



99, 1.592, 324.303



88, 4.701, 290.579



53, 0.905, 324.290



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, 5.713, 324.607



97, 7.944, 324.679



89, 4.012, 343.859



46, 4.973, 324.719



42, 88.428, 328.233



9, 37.108, 328.233

Inverse Universe

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



89, 5.713, 324.607



97, 7.944, 324.679



90, 3.979, 163.443



46, 4.973, 324.719



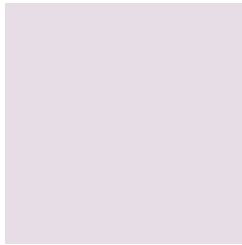
42, 88.428, 328.233



9, 37.108, 328.233

Previews

White Background



This preview shows how the CIELCh color 89, 5.715, 324.607 looks on a white background.

Color Contrast Check

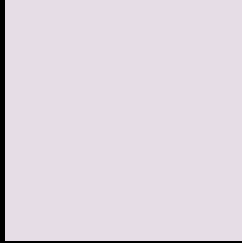
Large Text (above 18pt) WCAG AA × Fail

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, 5.715, 324.607 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

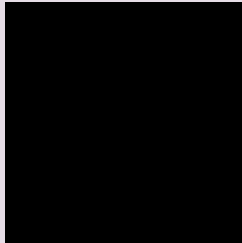
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

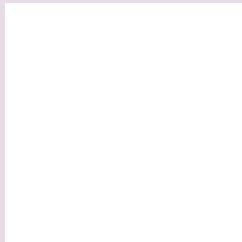
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 5.715, 324.607

Background



This preview shows how black text looks on a background with the CIELCh color 89, 5.715, 324.607.

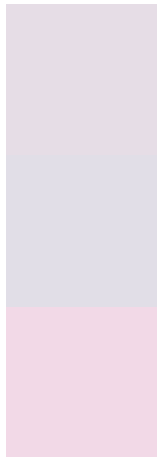


This preview shows how white text looks on a background with the CIELCh color 89, 5.715, 324.607.

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

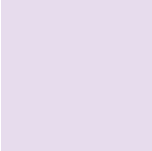
89, 5.715, 324.607

Protanopia

89, 4.830, 303.246

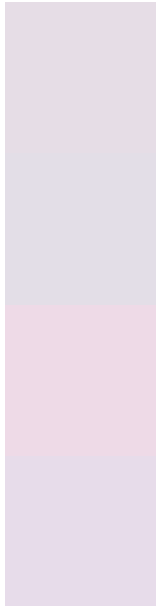
Deuteranopia

89, 11.589, 341.339



Tritanopia
89, 9.720, 314.313

Trichromacy



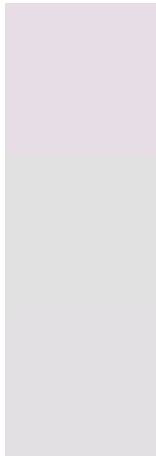
Original Color
89, 5.715, 324.607

Protanomaly
89, 5.041, 311.119

Deuteranomaly
89, 9.890, 336.945

Tritanomaly
89, 8.316, 318.616

Monochromacy



Original Color
89, 5.715, 324.607

Achromatopsia
90, 0.011, 296.813

Achromatomaly
89, 1.912, 324.366

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 5.715, 324.607 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(230, 221, 230)` looks like.

```
.text, #text, p{  
    color:rgb(230, 221, 230)  
}
```

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(230, 221, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 221, 230) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 5.715, 324.607 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(230, 221, 230) }
```

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

```
.border{ border-color:rgb(230, 221, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 221, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 221, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 221, 230);  
box-shadow:4px 4px 4px 4px rgb(230, 221,  
230) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 5.715, 324.607 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 221, 230) }
```

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

```
.background{ background-color: rgb(230,  
221, 230) }
```

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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