

Converting Colors

CIE LCh(89, 6.121, 245.663)

Have a look what the booklet for
CIELCh(89, 6.121, 245.663) contains.

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Color

CIELCh(89, 6.208, 248.452)

Conversions

Conversions Part 1

Format	Color
Hex	D5E1EA
RGB	213, 225, 234
RGB Percent	84%, 88%, 92%
CMY	0.1635, 0.1164, 0.0811
CMYK	0.09, 0.04, 0.00, 0.08
HSL	206°, 34%, 88%
HSV	206°, 9%, 92%
XYZ	69.4308, 74.1641, 88.7280
YIQ	222.4380, -10.0410, 0.2550

Conversions

Conversions Part 2

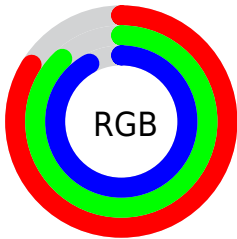
Format	Color
R _Y B	213, 221, 234
Decimal	14017002
CIE Lab	89.00, -2.28, -5.77
CIE LCh	89, 6.208, 248.452
Yxy	74.1641, 0.2989, 0.3192
Android (android.graphics.Color)	4292207082 (0xFFD5E1EA)
YUV	222.4380, 5.7001, -8.2771
Hunter-Lab	86.1186, -6.7968, -0.8035

Details

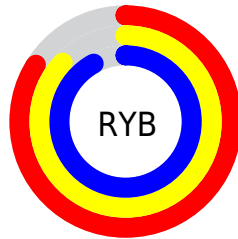
The CIELCh color `89, 6.208, 248.452` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `89, 6.404, 66.239`, and the grayscale version is `89, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `69, 6.120, 245.216` is the 20% darker color. If you saturate the color by 10%, you get `85, 12.975, 249.808`, and if you desaturate by 10%, it is `93, 0.716, 66.513`.

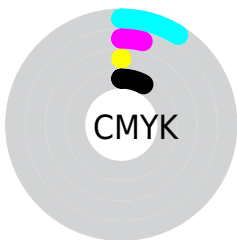
Distribution



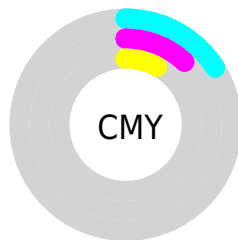
- Red (84%)
- Green (88%)
- Blue (92%)



- Red (84%)
- Yellow (87%)
- Blue (92%)



- Cyan (9%)
- Magenta (4%)
- Yellow (0%)
- Black (8%)



- Cyan (16%)
- Magenta (12%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 6.208, 248.452 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, 6.208, 248.452 by changing the saturation by 10% instead.

■ 89, 6.208, 248.452

■ 89, 6.208, 248.452

■ 100, 6.208,
248.452

■ 79, 6.208, 248.452

■ 69, 6.208, 248.452

■ 59, 6.208, 248.452

■ 49, 6.208, 248.452

■ 39, 6.208, 248.452

■ 29, 6.208, 248.452

■ 19, 6.208, 248.452

■ 9, 6.208, 248.452

■ 0, 6.208, 248.452

89, 6.208, 248.452

89, 6.208, 248.452

85, 12.975,
249.808

93, 0.716, 66.513

81, 19.540,
251.507

97, 6.601, 78.067

77, 25.858,
253.575

100, 10.474,
109.385

73, 31.894,
256.079

69, 37.630,
259.093

65, 43.089,
262.670

62, 48.340,
266.821

58, 53.511,
271.476

■ 55, 58.775,
276.408

Harmonies

Complementary

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



89, 6.208, 248.452



89, 6.404, 66.239

Rectangle

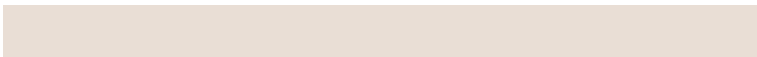
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



89, 6.208, 248.452



89, 6.208, 298.452



89, 6.208, 68.452



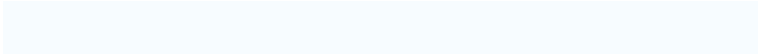
89, 6.208, 118.452

Sweetspot

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



89, 6.207, 248.433



99, 2.243, 247.857



91, 9.858, 158.762



52, 1.698, 247.903



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, 6.207, 248.433



95, 8.138, 248.692



86, 10.108, 287.590



47, 3.935, 248.494



43, 48.212, 276.015



11, 18.213, 267.265

Inverse Universe

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



87, 9.861, 340.644



93, 12.987, 340.823



92, 9.931, 105.663



46, 6.259, 340.687



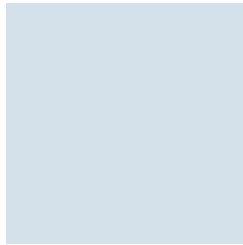
39, 66.815, 355.334



8, 29.423, 349.976

Previews

White Background



This preview shows how the CIE LCh color 89, 6.208, 248.452 looks on a white background.

Color Contrast Check

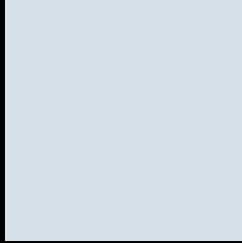
Large Text (above 18pt) WCAG AA × Fail

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, 6.208, 248.452 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

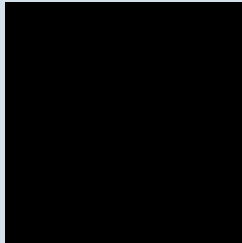
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

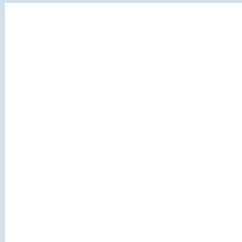
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 6.208, 248.452

Background



This preview shows how black text looks on a background with the CIELCh color 89, 6.208, 248.452.

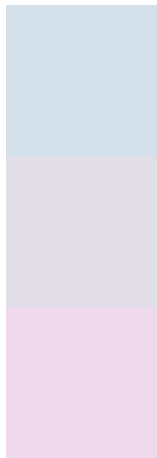


This preview shows how white text looks on a background with the CIELCh color 89, 6.208, 248.452.

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

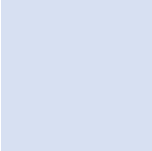
89, 6.208, 248.452

Protanopia

89, 5.339, 302.040

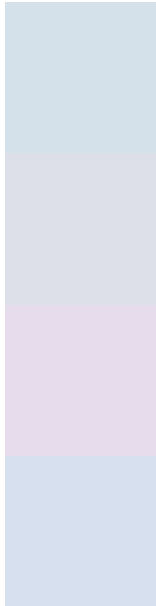
Deuteranopia

89, 12.663, 328.924



Tritanopia
89, 9.810, 272.641

Trichromacy



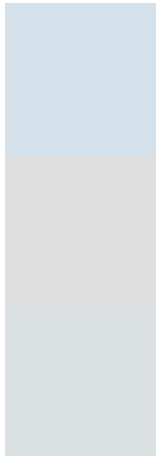
Original Color
89, 6.208, 248.452

Protanomaly
89, 5.251, 282.946

Deuteranomaly
89, 8.625, 314.911

Tritanomaly
89, 8.475, 266.876

Monochromacy



Original Color
89, 6.208, 248.452

Achromatopsia
89, 0.011, 296.813

Achromatomaly
89, 2.346, 241.408

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 6.208, 248.452 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(213, 225, 234)` looks like.

```
.text, #text, p{  
    color:rgb(213, 225, 234)  
}
```

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(213, 225, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 225, 234) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 6.208, 248.452 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(213, 225, 234) }
```

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

```
.border{ border-color:rgb(213, 225, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 225, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 225, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 225, 234);  
box-shadow:4px 4px 4px 4px rgb(213, 225,  
234) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 6.208, 248.452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 225, 234) }
```

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

```
.background{ background-color: rgb(213,  
225, 234) }
```

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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