

Converting Colors

CIE LCh(89, 8.210, 255.128)

Have a look what the booklet for
CIELCh(89, 8.210, 255.128) contains.

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Color

CIELCh(89, 8.220, 254.924)

Conversions

Conversions Part 1

Format	Color
Hex	D3E1EE
RGB	211, 225, 238
RGB Percent	83%, 88%, 93%
CMY	0.1710, 0.1161, 0.0651
CMYK	0.11, 0.05, 0.00, 0.07
HSL	209°, 45%, 88%
HSV	209°, 11%, 93%
XYZ	69.4965, 74.1641, 91.8458
YIQ	222.2960, -12.5170, 1.0750

Conversions

Conversions Part 2

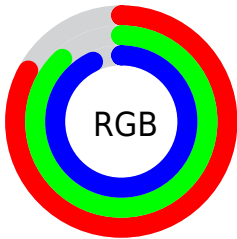
Format	Color
R_{YB}	211, 220, 238
Decimal	13885934
CIE _{Lab}	89.00, -2.14, -7.94
CIE _{LCh}	89, 8.220, 254.924
Yxy	74.1641, 0.2951, 0.3149
Android (android.graphics.Color)	4292076014 (0xFFD3E1EE)
YUV	222.2960, 7.7421, -9.9066
Hunter-Lab	86.1186, -6.6606, -2.9500

Details

The CIELCh color `89, 8.220, 254.924` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `90, 8.479, 71.964`, 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, 8.184, 253.027` is the 20% darker color. If you saturate the color by 10%, you get `84, 15.361, 256.463`, and if you desaturate by 10%, it is `94, 0.976, 253.979`.

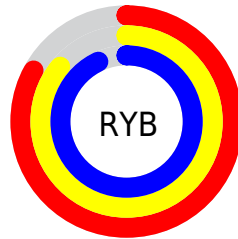
Distribution



Red (83%)

Green (88%)

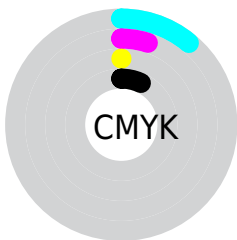
Blue (93%)



Red (83%)

Yellow (86%)

Blue (93%)

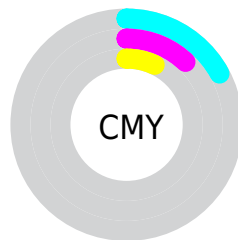


Cyan (11%)

Magenta (5%)

Yellow (0%)

Black (7%)



Cyan (17%)

Magenta (12%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 8.220, 254.924 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, 8.220, 254.924 by changing the saturation by 10% instead.

■ 89, 8.220, 254.924

■ 89, 8.220, 254.924

■ 100, 8.220,
254.924

■ 79, 8.220, 254.924

■ 69, 8.220, 254.924

■ 59, 8.220, 254.924

■ 49, 8.220, 254.924

■ 39, 8.220, 254.924

■ 29, 8.220, 254.924

■ 19, 8.220, 254.924

■ 9, 8.220, 254.924

■ 0, 8.220, 254.924

89, 8.220, 254.924

89, 8.220, 254.924

84, 15.361,
256.463

94, 0.976, 253.979

80, 22.367,
258.338

98, 5.572, 84.468

75, 29.209,
260.589

100, 8.405,
109.539

71, 35.869,
263.278

67, 42.355,
266.461

63, 48.712,
270.166

59, 55.029,
274.366

55, 61.427,
278.945

■ 52, 67.151,
282.982

Harmonies

Complementary

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



89, 8.220, 254.924



90, 8.479, 71.964

Rectangle

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



89, 8.220, 254.924



89, 8.220, 304.924



89, 8.220, 74.924



89, 8.220, 124.924

Sweetspot

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



89, 8.219, 254.911



99, 2.315, 253.938



92, 12.184, 160.998



52, 1.753, 253.998



0, 0.000, 0.000



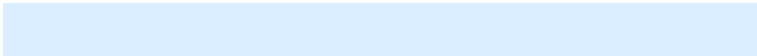
53, 0.007, 296.813

Same Dimension

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



89, 8.219, 254.911



93, 10.706, 255.302



86, 13.722, 290.047



48, 4.146, 254.658



41, 54.327, 282.157



10, 20.690, 274.282

Inverse Universe

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



87, 12.219, 343.570



91, 15.994, 343.820



93, 13.390, 107.688



47, 6.143, 343.401



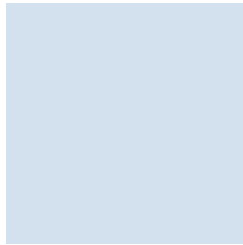
40, 66.452, 0.221



8, 29.627, 354.143

Previews

White Background



This preview shows how the CIELCh color 89, 8.220, 254.924 looks on a white background.

Color Contrast Check

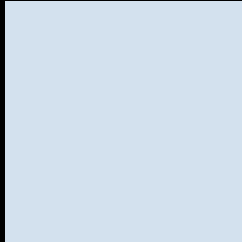
Large Text (above 18pt) WCAG AA × Fail

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, 8.220, 254.924 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

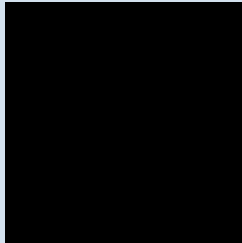
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

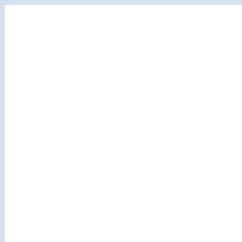
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 8.220, 254.924

Background



This preview shows how black text looks on a background with the CIELCh color 89, 8.220, 254.924.

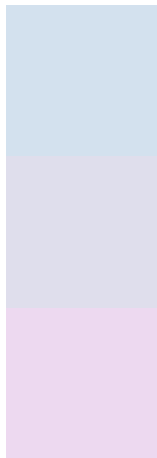


This preview shows how white text looks on a background with the CIELCh color 89, 8.220, 254.924.

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, 8.220, 254.924

Protanopia

89, 7.317, 293.519

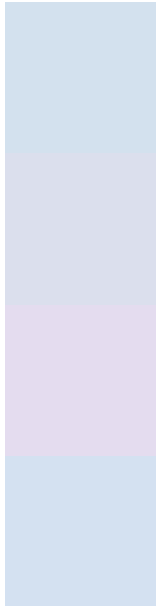
Deuteranopia

89, 13.971, 321.284



Tritanopia
89, 10.275, 265.419

Trichromacy



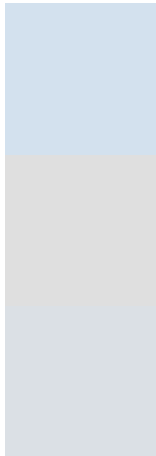
Original Color
89, 8.220, 254.924

Protanomaly
89, 7.406, 279.977

Deuteranomaly
89, 10.340, 306.644

Tritanomaly
89, 9.357, 262.497

Monochromacy



Original Color
89, 8.220, 254.924

Achromatopsia
89, 0.011, 296.813

Achromatomaly
89, 3.125, 256.094

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 8.220, 254.924 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(211, 225, 238)` looks like.

```
.text, #text, p{  
    color:rgb(211, 225, 238)  
}
```

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(211, 225, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 225, 238) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 8.220, 254.924 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(211, 225, 238) }
```

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

```
.border{ border-color:rgb(211, 225, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 225, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 225, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 225, 238);  
box-shadow:4px 4px 4px 4px rgb(211, 225,  
238) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 8.220, 254.924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 225, 238) }
```

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

```
.background{ background-color: rgb(211,  
225, 238) }
```

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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