

Converting Colors

CIELCh(89, 13.301, 274.420)

Have a look what the booklet for
CIELCh(89, 13.301, 274.420)
contains.

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Color

CIELCh(89, 13.457, 275.254)

Conversions

Conversions Part 1

Format	Color
Hex	D5E0F9
RGB	213, 224, 249
RGB Percent	84%, 88%, 98%
CMY	0.1654, 0.1222, 0.0242
CMYK	0.14, 0.10, 0.00, 0.02
HSL	222°, 74%, 91%
HSV	222°, 14%, 98%
XYZ	71.0681, 74.1641, 100.0445
YIQ	223.5610, -14.5810, 5.4430

Conversions

Conversions Part 2

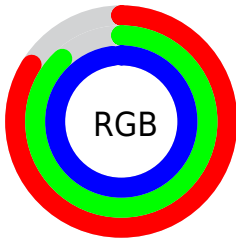
Format	Color
R _Y B	213, 221, 249
Decimal	14016761
CIE Lab	89.00, 1.23, -13.40
CIE LCh	89, 13.457, 275.254
Yxy	74.1641, 0.2897, 0.3024
Android (android.graphics.Color)	4292206841 (0xFFD5E0F9)
YUV	223.5610, 12.5414, -9.2620
Hunter-Lab	86.1186, -3.4030, -8.5945

Details

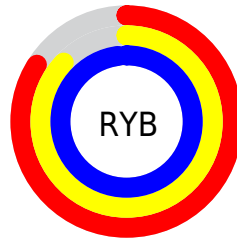
The CIELCh color `89, 13.457, 275.254` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `94, 13.428, 91.456`, and the grayscale version is `89, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `69, 13.630, 275.126` is the 20% darker color. If you saturate the color by 10%, you get `83, 22.973, 276.873`, and if you desaturate by 10%, it is `95, 4.122, 273.895`.

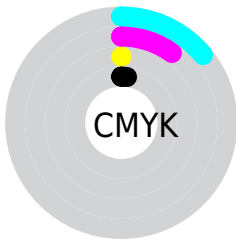
Distribution



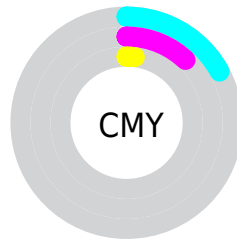
- Red (84%)
- Green (88%)
- Blue (98%)



- Red (84%)
- Yellow (87%)
- Blue (98%)



- Cyan (14%)
- Magenta (10%)
- Yellow (0%)
- Black (2%)




- Cyan (17%)
- Magenta (12%)
- Yellow (2%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 89, 13.457, 275.254 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, 13.457, 275.254 by changing the saturation by 10% instead.


 89, 13.457,
275.254


 89, 13.457,
275.254


 100, 13.457,
275.254


 79, 13.457,
275.254

 69, 13.457,
275.254

 59, 13.457,
275.254

 49, 13.457,
275.254

 39, 13.457,
275.254

 29, 13.457,
275.254

 19, 13.457,

275.254

■ 9, 13.457, 275.254

■ 0, 13.457, 275.254

■ 89, 13.457,
275.254

■ 89, 13.457,
275.254

■ 83, 22.973,
276.873

■ 95, 4.122, 273.895

■ 77, 32.687,
278.781

■ 100, 3.122,
109.920

■ 71, 42.618,
281.014

■ 65, 52.801,
283.607

■ 59, 63.275,

286.570

■ 53, 74.062,
289.863

■ 48, 85.104,
293.372

■ 44, 96.155,
296.891

■ 41, 102.110,
298.705

Harmonies

Complementary

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



89, 13.457, 275.254



94, 13.428, 91.456

Rectangle

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



89, 13.457, 275.254



89, 13.457, 325.254



89, 13.457, 95.254



89, 13.457, 145.254

Sweetspot

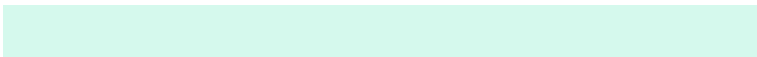
The Sweet Spot groups the original color and five complimentary colors.



89, 13.455, 275.248



98, 3.765, 273.843



95, 13.834, 173.488



52, 2.676, 273.929



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, 13.455, 275.248



89, 16.168, 275.638



87, 19.062, 298.466



49, 5.282, 274.537



31, 81.525, 298.123



7, 31.871, 292.780

Inverse Universe

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



88, 14.313, 356.967



89, 17.242, 357.259



97, 18.473, 116.330



49, 5.588, 356.421



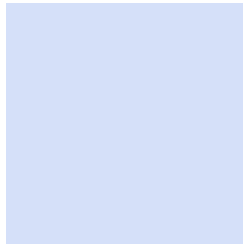
40, 69.771, 20.692



9, 30.555, 11.650

Previews

White Background



This preview shows how the CIELCh color 89, 13.457, 275.254 looks on a white background.

Color Contrast Check

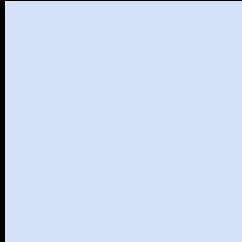
Large Text (above 18pt) WCAG AA × Fail

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, 13.457, 275.254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

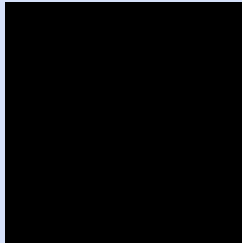
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 89, 13.457, 275.254

Background



This preview shows how black text looks on a background with the CIELCh color 89, 13.457, 275.254.



This preview shows how white text looks on a background with the CIELCh color 89, 13.457, 275.254.

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, 13.457, 275.254

Protanopia

89, 13.560, 288.409

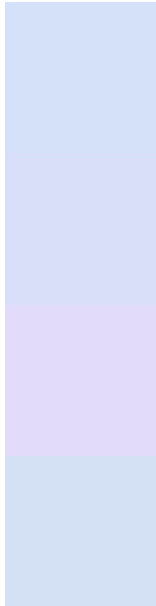
Deuteranopia

89, 18.161, 309.147



Tritanopia
89, 10.275, 265.419

Trichromacy



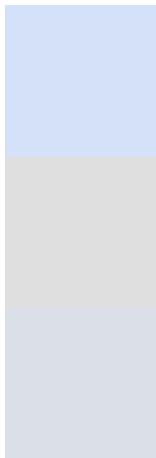
Original Color
89, 13.457, 275.254

Protanomaly
89, 13.144, 282.338

Deuteranomaly
89, 16.401, 299.853

Tritanomaly
89, 11.215, 267.871

Monochromacy



Original Color
89, 13.457, 275.254

Achromatopsia
89, 0.011, 296.813

Achromatomaly
89, 4.878, 273.875

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 13.457, 275.254 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, 224, 249)` looks like.

```
.text, #text, p{  
    color:rgb(213, 224, 249)  
}
```

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, 224, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 224, 249) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 13.457, 275.254 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, 224, 249) }
```

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

```
.border{ border-color:rgb(213, 224, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 224, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 224, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 224, 249);  
box-shadow:4px 4px 4px 4px rgb(213, 224,  
249) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 13.457, 275.254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 224, 249) }
```

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

```
.background{ background-color: rgb(213,  
224, 249) }
```

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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