

Converting Colors

CIELCh(89, 16.644, 274.421)

Have a look what the booklet for
CIELCh(89, 16.644, 274.421)
contains.

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Color

CIELCh(89, 16.773, 274.258)

Conversions

Conversions Part 1

Format	Color
Hex	D1E0FF
RGB	209, 224, 255
RGB Percent	82%, 88%, 100%
CMY	0.1800, 0.1211, 0.0000
CMYK	0.18, 0.12, 0.00, 0.00
HSL	220°, 100%, 91%
HSV	220°, 18%, 100%
XYZ	71.0743, 74.1641, 105.2672
YIQ	223.0490, -18.8910, 6.4610

Conversions

Conversions Part 2

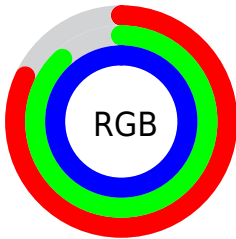
Format	Color
R _Y B	209, 220, 255
Decimal	13754623
CIE Lab	89.00, 1.25, -16.73
CIE LCh	89, 16.773, 274.258
Yxy	74.1641, 0.2837, 0.2961
Android (android.graphics.Color)	4291944703 (0xFFD1E0FF)
YUV	223.0490, 15.7518, -12.3210
Hunter-Lab	86.1186, -3.3903, -12.1902

Details

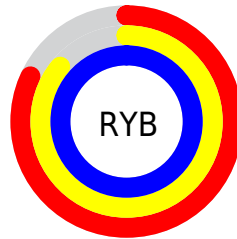
The CIELCh color `89, 16.773, 274.258` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `95, 16.757, 89.337`, and the grayscale version is `89, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `69, 16.589, 273.737` is the 20% darker color. If you saturate the color by 10%, you get `83, 26.224, 275.933`, and if you desaturate by 10%, it is `95, 7.373, 272.714`.

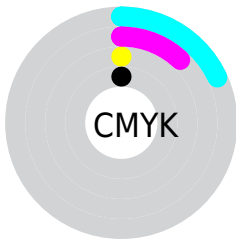
Distribution



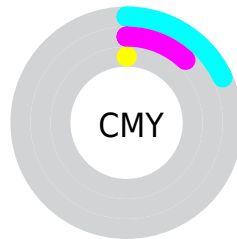
- Red (82%)
- Green (88%)
- Blue (100%)



- Red (82%)
- Yellow (86%)
- Blue (100%)



- Cyan (18%)
- Magenta (12%)
- Yellow (0%)
- Black (0%)





- Cyan (18%)
- Magenta (12%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 89, 16.773, 274.258 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, 16.773, 274.258 by changing the saturation by 10% instead.


 89, 16.773,
274.258

 89, 16.773,
274.258


 100, 16.773,
274.258


 79, 16.773,
274.258

 69, 16.773,
274.258

 59, 16.773,
274.258

 49, 16.773,
274.258

 39, 16.773,
274.258

 29, 16.773,
274.258

 19, 16.773,

274.258

■ 9, 16.773, 274.258

■ 0, 16.773, 274.258

■ 89, 16.773,
274.258

■ 89, 16.773,
274.258

■ 83, 26.224,
275.933

■ 95, 7.373, 272.714

■ 77, 35.902,
277.982

100, 0.012,
296.813

■ 71, 45.774,
280.378

■ 65, 55.879,
283.151

■ 59, 66.259,

286.302

■ 54, 76.937,
289.771

■ 49, 87.845,
293.418

■ 44, 98.726,
297.005

■ 43, 100.870,
297.666

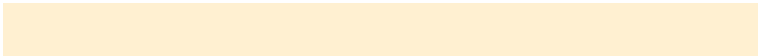
Harmonies

Complementary

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



89, 16.773, 274.258



95, 16.757, 89.337

Rectangle

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



89, 16.773, 274.258



89, 16.773, 324.258



89, 16.773, 94.258



89, 16.773, 144.258

Sweetspot

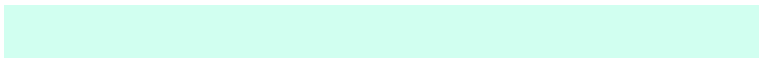
The Sweet Spot groups the original color and five complimentary colors.



89, 16.718, 274.188



97, 4.601, 272.332



97, 17.690, 172.001



51, 3.140, 272.418



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, 16.718, 274.188



87, 20.503, 274.853



86, 24.329, 298.181



50, 5.246, 272.919



32, 79.791, 297.043



8, 32.012, 291.963

Inverse Universe

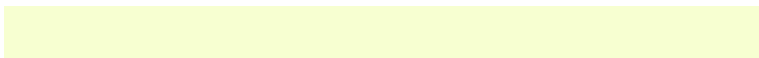
The Inverse Universe completely reimagines the original color for something new.



88, 18.471, 355.915



86, 22.728, 356.393



98, 23.381, 115.391



50, 5.745, 354.972



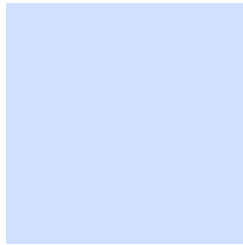
40, 69.836, 18.794



10, 31.365, 10.795

Previews

White Background



This preview shows how the CIE LCh color 89, 16.773, 274.258 looks on a white background.

Color Contrast Check

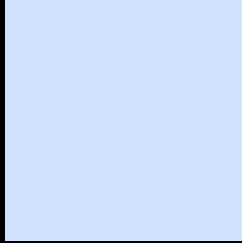
Large Text (above 18pt) WCAG AA × Fail

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, 16.773, 274.258 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

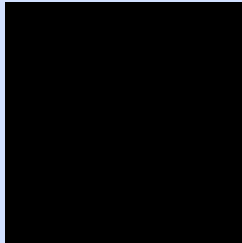
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

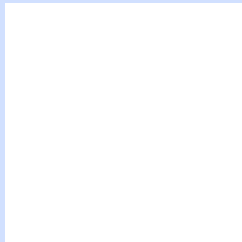
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 16.773, 274.258

Background



This preview shows how black text looks on a background with the CIELCh color 89, 16.773, 274.258.



This preview shows how white text looks on a background with the CIELCh color 89, 16.773, 274.258.

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](#).

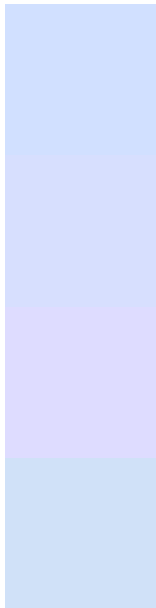
Dichromacy





Tritanopia
89, 11.226, 256.047

Trichromacy



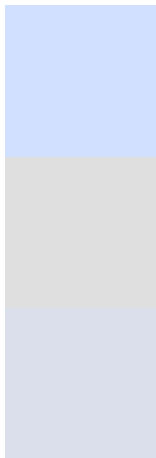
Original Color
89, 16.773, 274.258

Protanomaly
89, 16.312, 282.057

Deuteranomaly
89, 18.290, 293.766

Tritanomaly
89, 13.137, 265.409

Monochromacy



Original Color
89, 16.773, 274.258

Achromatopsia
89, 0.011, 296.813

Achromatomaly
89, 6.465, 275.084

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 16.773, 274.258 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(209, 224, 255)` looks like.

```
.text, #text, p{  
    color:rgb(209, 224, 255)  
}
```

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(209, 224, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 224, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 16.773, 274.258 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(209, 224, 255) }
```

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

```
.border{ border-color:rgb(209, 224, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 224, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 224, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 224, 255);  
box-shadow:4px 4px 4px 4px rgb(209, 224,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 16.773, 274.258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 224, 255) }
```

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

```
.background{ background-color: rgb(209,  
224, 255) }
```

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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