

Converting Colors

CIELCh(89, 15.181, 262.585)

Have a look what the booklet for
CIELCh(89, 15.181, 262.585)
contains.

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Color

CIELCh(89, 15.192, 262.597)

Conversions

Conversions Part 1

Format	Color
Hex	CCE2FC
RGB	204, 226, 252
RGB Percent	80%, 89%, 99%
CMY	0.2005, 0.1142, 0.0123
CMYK	0.19, 0.10, 0.00, 0.01
HSL	212°, 88%, 89%
HSV	212°, 19%, 99%
XYZ	69.5801, 74.1641, 102.6365
YIQ	222.3860, -21.4580, 3.4220

Conversions

Conversions Part 2

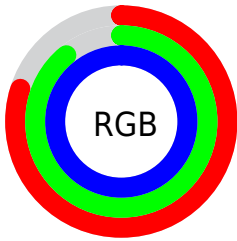
Format	Color
R _Y B	204, 219, 252
Decimal	13427452
CIE Lab	89.00, -1.96, -15.07
CIE LCh	89, 15.192, 262.597
Yxy	74.1641, 0.2824, 0.3010
Android (android.graphics.Color)	4291617532 (0xFFCCE2FC)
YUV	222.3860, 14.5997, -16.1245
Hunter-Lab	86.1186, -6.4873, -10.3790

Details

The CIELCh color `89, 15.192, 262.597` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `92, 15.771, 77.322`, 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, 14.961, 261.253` is the 20% darker color. If you saturate the color by 10%, you get `84, 23.109, 264.436`, and if you desaturate by 10%, it is `94, 7.232, 261.053`.

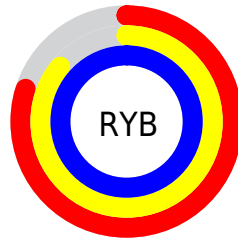
Distribution



Red (80%)

Green (89%)

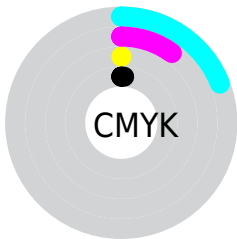
Blue (99%)



Red (80%)

Yellow (86%)

Blue (99%)

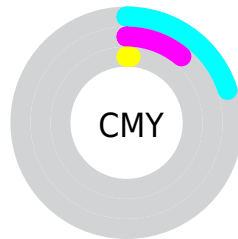


Cyan (19%)

Magenta (10%)

Yellow (0%)

Black (1%)



Cyan (20%)


Magenta (11%)


Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 89, 15.192, 262.597 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, 15.192, 262.597 by changing the saturation by 10% instead.


 89, 15.192,
262.597


 89, 15.192,
262.597


 100, 15.192,
262.597


 79, 15.192,
262.597

 69, 15.192,
262.597

 59, 15.192,
262.597

 49, 15.192,
262.597

 39, 15.192,
262.597

 29, 15.192,
262.597

 19, 15.192,

262.597

■ 9, 15.192, 262.597

■ 0, 15.192, 262.597

■ 89, 15.192,
262.597

■ 89, 15.192,
262.597

■ 84, 23.109,
264.436

■ 94, 7.232, 261.053

■ 79, 30.971,
266.628

■ 99, 0.745, 79.131

■ 100, 1.575,
110.011

■ 74, 38.772,
269.223

■ 69, 46.529,
272.267

■ 64, 54.290,

275.783

■ 60, 62.135,
279.736

■ 55, 70.157,
284.013

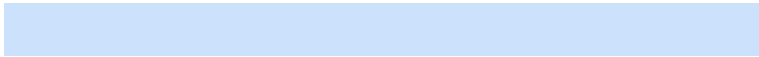
■ 51, 78.421,
288.370

■ 51, 79.217,
288.759

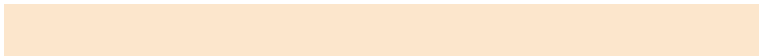
Harmonies

Complementary

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



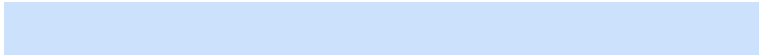
89, 15.192, 262.597



92, 15.771, 77.322

Rectangle

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



89, 15.192, 262.597



89, 15.192, 312.597



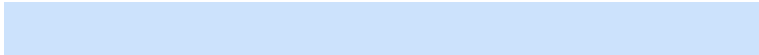
89, 15.192, 82.597



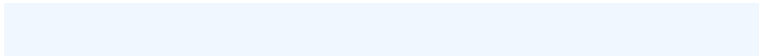
89, 15.192, 132.597

Sweetspot

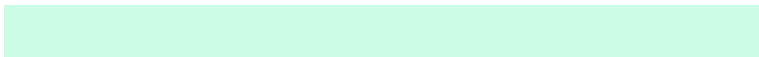
The Sweet Spot groups the original color and five complimentary colors.



89, 15.191, 262.591



97, 4.844, 260.652



95, 20.374, 163.781



51, 3.212, 260.734



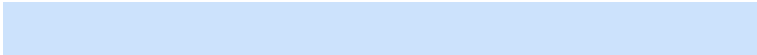
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



89, 15.191, 262.591



88, 18.504, 263.284



84, 25.399, 293.520



49, 4.511, 261.113



39, 62.603, 287.956



10, 24.727, 281.403

Inverse Universe

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



87, 20.850, 347.694



85, 25.517, 348.117



98, 24.297, 109.732



49, 6.108, 346.739



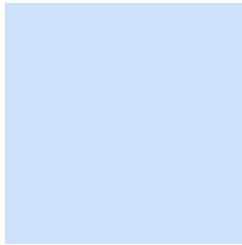
40, 67.325, 6.072



10, 30.735, 359.557

Previews

White Background



This preview shows how the CIE LCh color 89, 15.192, 262.597 looks on a white background.

Color Contrast Check

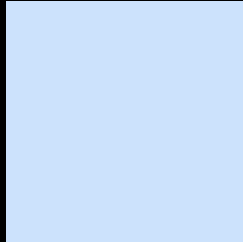
Large Text (above 18pt) WCAG AA × Fail

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, 15.192, 262.597 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

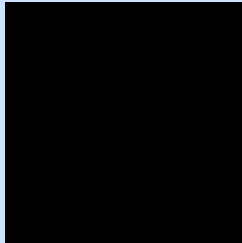
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

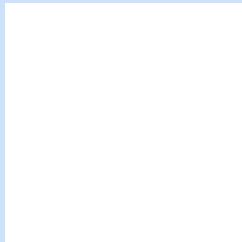
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 15.192, 262.597

Background



This preview shows how black text looks on a background with the CIELCh color 89, 15.192, 262.597.



This preview shows how white text looks on a background with the CIELCh color 89, 15.192, 262.597.

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, 12.190, 249.558

Trichromacy



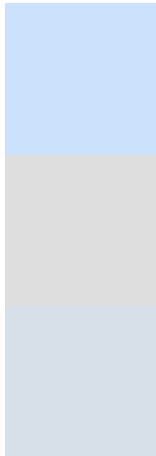
Original Color
89, 15.192, 262.597

Protanomaly
89, 14.327, 279.122

Deuteranomaly
89, 17.234, 292.701

Tritanomaly
89, 12.966, 252.780

Monochromacy



Original Color
89, 15.192, 262.597

Achromatopsia
88, 0.011, 296.813

Achromatomaly
88, 5.869, 262.269

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 15.192, 262.597 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(204, 226, 252)` looks like.

```
.text, #text, p{  
    color:rgb(204, 226, 252)  
}
```

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(204, 226, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 226, 252) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 15.192, 262.597 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(204, 226, 252) }
```

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

```
.border{ border-color:rgb(204, 226, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 226, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 226, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 226, 252);  
box-shadow:4px 4px 4px 4px rgb(204, 226,  
252) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 15.192, 262.597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 226, 252) }
```

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

```
.background{ background-color: rgb(204,  
226, 252) }
```

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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