

Converting Colors

CIELCh(89, 32.158, 203.028)

Have a look what the booklet for
CIELCh(89, 32.158, 203.028)
contains.

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Color

CIELCh(89, 32.158, 203.028)

Conversions

Conversions Part 1

Format	Color
Hex	84F0F6
RGB	132, 240, 246
RGB Percent	52%, 94%, 96%
CMY	0.4808, 0.0573, 0.0338
CMYK	0.46, 0.02, 0.00, 0.03
HSL	183°, 87%, 74%
HSV	183°, 46%, 97%
XYZ	57.5468, 74.1641, 98.7827
YIQ	208.3920, -66.2940, -21.0300

Conversions

Conversions Part 2

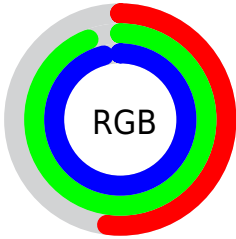
Format	Color
R_{YB}	132, 187, 246
Decimal	8712438
CIE _{Lab}	89.00, -29.60, -12.58
CIE _{LCh}	89, 32.158, 203.028
Yxy	74.1641, 0.2497, 0.3218
Android (android.graphics.Color)	4286902518 (0xFF84F0F6)
YUV	208.3920, 18.5407, -66.9958
Hunter-Lab	86.1186, -31.4290, -7.7258

Details

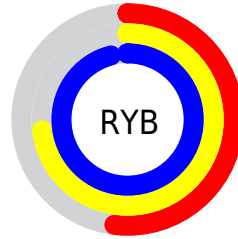
The CIELCh color **89, 32.158, 203.028** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **69, 45.629, 27.962**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 20.805, 198.137**, and **69, 32.162, 202.914** is the 20% darker color. If you saturate the color by 10%, you get **88, 36.887, 203.097**, and if you desaturate by 10%, it is **90, 26.485, 203.083**.

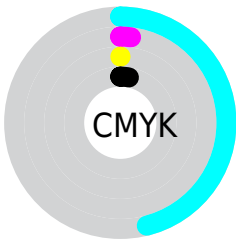
Distribution



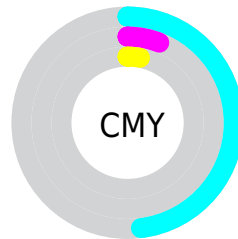
- Red (52%)
- Green (94%)
- Blue (96%)



- Red (52%)
- Yellow (73%)
- Blue (96%)



- Cyan (46%)
- Magenta (2%)
- Yellow (0%)
- Black (3%)



- Cyan (48%)
- Magenta (6%)
- Yellow (3%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 89, 32.158, 203.028 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, 32.158, 203.028 by changing the saturation by 10% instead.


 89, 32.158,
203.028

 89, 32.158,
203.028


 100, 32.158,
203.028


 79, 32.158,
203.028

 69, 32.158,
203.028

 59, 32.158,
203.028

 49, 32.158,
203.028

 39, 32.158,
203.028

 29, 32.158,
203.028

 19, 32.158,

203.028

■ 9, 32.158, 203.028

■ 0, 32.158, 203.028

■ 89, 32.158,
203.028

■ 89, 32.158,
203.028

■ 88, 36.887,
203.097

■ 90, 26.485,
203.083

■ 87, 40.583,
203.315

■ 92, 19.990,
203.252

■ 86, 43.205,
203.698

■ 94, 12.806,
203.521

■ 85, 44.776,
204.261

■ 96, 5.069, 203.923

■ 85, 45.403,

■ 98, 2.882, 24.276

205.010

98, 2.569, 39.937

85, 45.495,
205.321

98, 2.488, 58.148

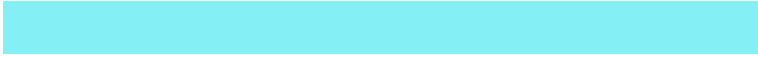
99, 2.660, 75.693

99, 3.042, 89.945

Harmonies

Complementary

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



89, 32.158, 203.028



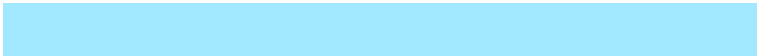
69, 45.629, 27.962

Rectangle

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



89, 32.158, 203.028



89, 32.158, 253.028



89, 32.158, 23.028



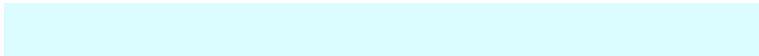
89, 32.158, 73.028

Sweetspot

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



89, 32.158, 203.026



97, 11.412, 203.596



88, 68.476, 142.011



51, 7.828, 203.524



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

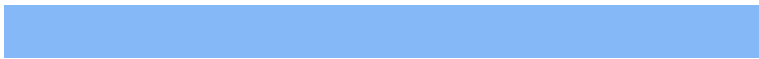
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89, 32.158, 203.026



91, 37.790, 203.095



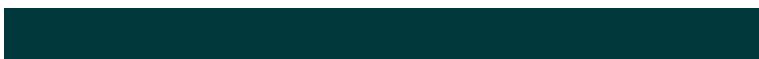
73, 36.343, 269.286



50, 4.539, 203.769



66, 36.900, 205.156



20, 16.543, 203.917

Inverse Universe

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



71, 68.044, 328.456



69, 82.617, 328.943



82, 39.840, 74.496



48, 8.450, 326.396



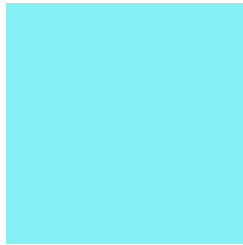
44, 87.539, 330.443



11, 39.134, 330.136

Previews

White Background



This preview shows how the CIE LCh color 89, 32.158, 203.028 looks on a white background.

Color Contrast Check

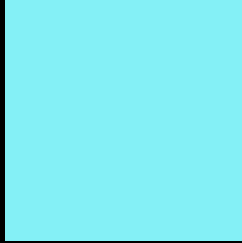
Large Text (above 18pt) WCAG AA × Fail

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, 32.158, 203.028 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

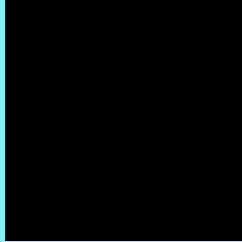
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 89, 32.158, 203.028

Background



This preview shows how black text looks on a background with the CIELCh color 89, 32.158, 203.028.

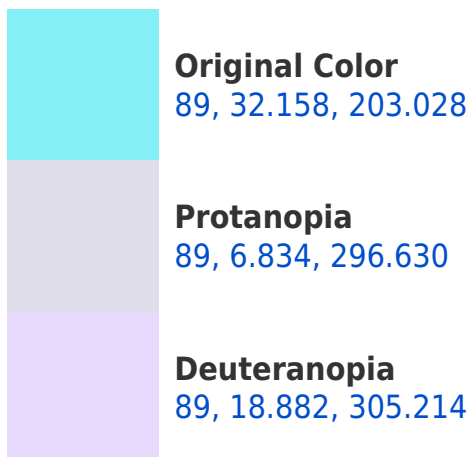


This preview shows how white text looks on a background with the CIELCh color 89, 32.158, 203.028.

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



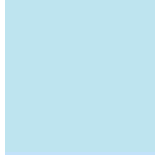


Tritanopia
89, 28.473, 217.195

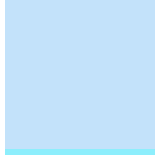
Trichromacy



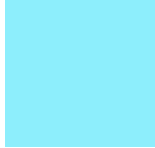
Original Color
89, 32.158, 203.028



Protanomaly
88, 13.770, 223.421



Deuteranomaly
88, 15.885, 251.275

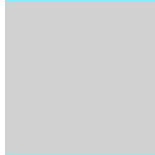


Tritanomaly
89, 29.603, 212.047

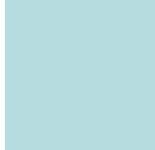
Monochromacy



Original Color
89, 32.158, 203.028



Achromatopsia
84, 0.010, 296.813



Achromatomaly
85, 13.335, 205.362

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 32.158, 203.028 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(132, 240, 246)` looks like.

```
.text, #text, p{  
    color:rgb(132, 240, 246)  
}
```

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(132, 240, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 240, 246) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 32.158, 203.028 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(132, 240, 246) }
```

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

```
.border{ border-color:rgb(132, 240, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 240, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 240, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 240, 246);  
box-shadow:4px 4px 4px 4px rgb(132, 240,  
246) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 32.158, 203.028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 240, 246) }
```

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

```
.background{ background-color: rgb(132,  
240, 246) }
```

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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