

Converting Colors

CIELCh(89, 24.554, 212.806)

Have a look what the booklet for
CIELCh(89, 24.554, 212.806)
contains.

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Color

CIELCh(89, 24.607, 212.774)

Conversions

Conversions Part 1

| Format | Color |
|---------------|------------------------------|
| Hex | 9FECF8 |
| RGB | 159, 236, 248 |
| RGB Percent | 62%, 93%, 97% |
| CMY | 0.3763, 0.0744, 0.0273 |
| CMYK | 0.36, 0.05, 0.00, 0.03 |
| HSL | 188°, 86%, 80% |
| HSV | 188°, 36%, 97% |
| XYZ | 61.2586, 74.1641, 99.9210 |
| YIQ | 214.3450, -49.7440, -12.5920 |

Conversions

Conversions Part 2

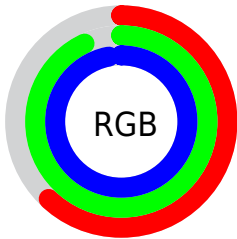
| Format | Color |
|-------------------------------------|---|
| RYB | 159, 200, 248 |
| Decimal | 10480888 |
| CIELab | 89.00, -20.69, -13.32 |
| CIELCh | 89, 24.607, 212.774 |
| Yxy | 74.1641, 0.2603, 0.3151 |
| Android (android.graphics.Color) | 4288670968 (0xFF9FECF8) |
| YUV | 214.3450, 16.5919, -48.5376 |
| Hunter-Lab | 86.1186, -23.7355, -8.5095 |

Details

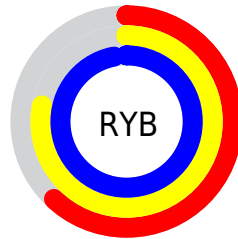
The CIELCh color **89, 24.607, 212.774** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **77, 32.068, 33.315**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 13.092, 198.632**, and **69, 24.627, 213.291** is the 20% darker color. If you saturate the color by 10%, you get **87, 29.973, 213.304**, and if you desaturate by 10%, it is **91, 18.483, 212.444**.

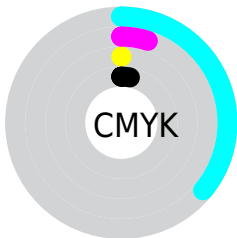
Distribution



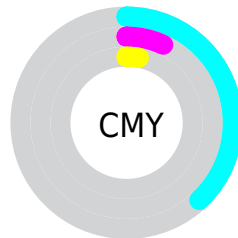
- Red (62%)
- Green (93%)
- Blue (97%)



- Red (62%)
- Yellow (78%)
- Blue (97%)



- Cyan (36%)
- Magenta (5%)
- Yellow (0%)
- Black (3%)




- Cyan (38%)
- Magenta (7%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 89, 24.607, 212.774 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, 24.607, 212.774 by changing the saturation by 10% instead.

 89, 24.607,
212.774

 89, 24.607,
212.774

 100, 24.607,
212.774

 79, 24.607,
212.774

 69, 24.607,
212.774

 59, 24.607,
212.774

 49, 24.607,
212.774

 39, 24.607,
212.774

 29, 24.607,
212.774

 19, 24.607,

212.774

■ 9, 24.607, 212.774

■ 0, 24.607, 212.774

■ 89, 24.607,
212.774

■ 89, 24.607,
212.774

■ 87, 29.973,
213.304

■ 91, 18.483,
212.444

■ 85, 34.464,
214.090

■ 94, 11.728,
212.291

■ 83, 37.991,
215.182

■ 96, 4.464, 212.335

■ 82, 40.508,
216.639

■ 98, 2.082, 38.852

■ 99, 2.506, 91.564

■ 81, 42.038,

218.520

100, 3.521,
109.893

80, 42.696,
220.867

79, 42.819,
221.931

Harmonies

Complementary

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



89, 24.607, 212.774



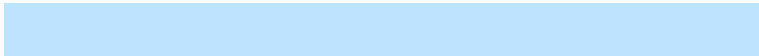
77, 32.068, 33.315

Rectangle

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



89, 24.607, 212.774



89, 24.607, 262.774



89, 24.607, 32.774



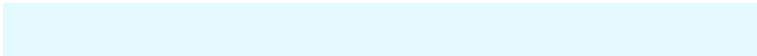
89, 24.607, 82.774

Sweetspot

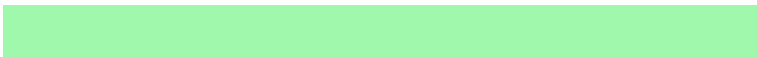
The Sweet Spot groups the original color and five complimentary colors.



89, 24.607, 212.771



97, 8.426, 212.278



91, 50.940, 145.507



51, 5.640, 212.277



0, 0.000, 0.000



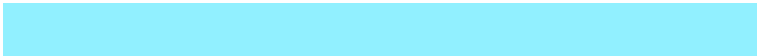
53, 0.007, 296.813

Same Dimension

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



89, 24.607, 212.771



90, 29.150, 213.130



77, 31.461, 274.360



51, 4.301, 212.284



62, 34.896, 221.448



20, 15.913, 217.873

Inverse Universe

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



77, 50.926, 330.539



75, 61.875, 330.987



88, 32.210, 83.608



49, 8.118, 328.894



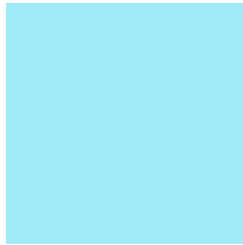
43, 82.912, 334.454



11, 38.012, 333.566

Previews

White Background



This preview shows how the CIE LCh color 89, 24.607, 212.774 looks on a white background.

Color Contrast Check

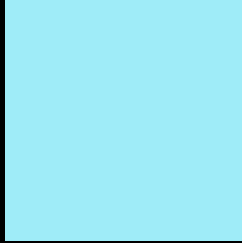
Large Text (above 18pt) WCAG AA × Fail

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, 24.607, 212.774 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

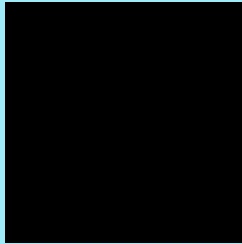
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 89, 24.607, 212.774

Background



This preview shows how black text looks on a background with the CIELCh color 89, 24.607, 212.774.

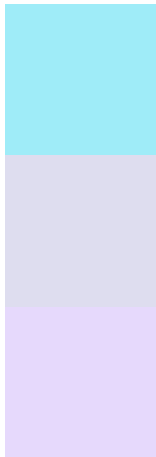


This preview shows how white text looks on a background with the CIELCh color 89, 24.607, 212.774.

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, 24.607, 212.774

Protanopia
89, 9.407, 293.065

Deuteranopia
89, 18.882, 305.214

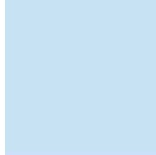


Tritanopia
89, 24.554, 222.039

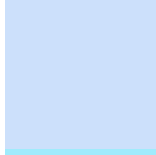
Trichromacy



Original Color
89, 24.607, 212.774



Protanomaly
88, 12.149, 242.548



Deuteranomaly
89, 15.396, 265.786

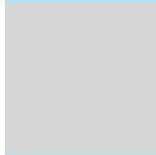


Tritanomaly
89, 24.543, 219.359

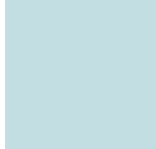
Monochromacy



Original Color
89, 24.607, 212.774



Achromatopsia
86, 0.010, 296.813



Achromatomaly
87, 9.822, 211.179

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 24.607, 212.774 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(159, 236, 248)` looks like.

```
.text, #text, p{  
    color:rgb(159, 236, 248)  
}
```

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(159, 236, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 236, 248) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 24.607, 212.774 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(159, 236, 248) }
```

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

```
.border{ border-color:rgb(159, 236, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 236, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 236, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 236, 248);  
box-shadow:4px 4px 4px 4px rgb(159, 236,  
248) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 24.607, 212.774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 236, 248) }
```

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

```
.background{ background-color: rgb(159,  
236, 248) }
```

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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