

Converting Colors

CIELCh(89, 25.094, 202.782)

Have a look what the booklet for
CIELCh(89, 25.094, 202.782)
contains.

CIELCh(89, 25.021, 202.631)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(89, 25.021, 202.631)

Conversions

Conversions Part 1

Format	Color
Hex	9EEDF1
RGB	158, 237, 241
RGB Percent	62%, 93%, 95%
CMY	0.3805, 0.0707, 0.0550
CMYK	0.34, 0.02, 0.00, 0.06
HSL	183°, 75%, 78%
HSV	183°, 34%, 94%
XYZ	60.2411, 74.1641, 94.3334
YIQ	213.8350, -48.3680, -15.5040

Conversions

Conversions Part 2

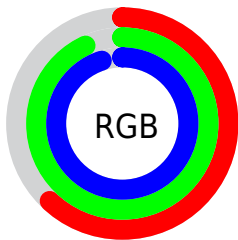
Format	Color
R _Y B	158, 198, 241
Decimal	10415601
CIE Lab	89.00, -23.09, -9.63
CIE LCh	89, 25.021, 202.631
Yxy	74.1641, 0.2634, 0.3242
Android (android.graphics.Color)	4288605681 (0xFF9EEDF1)
YUV	213.8350, 13.3923, -48.9673
Hunter-Lab	86.1186, -25.8444, -4.6626

Details

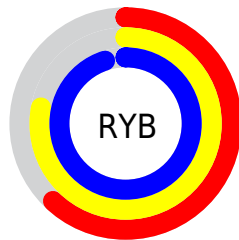
The CIELCh color **89, 25.021, 202.631** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **74, 32.064, 26.047**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 13.412, 198.611**, and **69, 25.106, 202.526** is the 20% darker color. If you saturate the color by 10%, you get **88, 30.779, 202.520**, and if you desaturate by 10%, it is **91, 18.477, 202.839**.

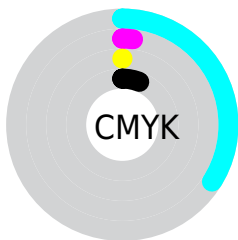
Distribution



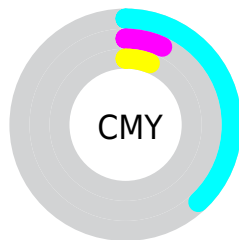
- Red (62%)
- Green (93%)
- Blue (95%)



- Red (62%)
- Yellow (78%)
- Blue (95%)



- Cyan (34%)
- Magenta (2%)
- Yellow (0%)
- Black (6%)





- Cyan (38%)
- Magenta (7%)
- Yellow (6%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 89, 25.021, 202.631 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, 25.021, 202.631 by changing the saturation by 10% instead.


 89, 25.021,
202.631


 89, 25.021,
202.631


 100, 25.021,
202.631


 79, 25.021,
202.631

 69, 25.021,
202.631

 59, 25.021,
202.631

 49, 25.021,
202.631

 39, 25.021,
202.631

 29, 25.021,
202.631

 19, 25.021,

202.631

■ 9, 25.021, 202.631

■ 0, 25.021, 202.631

■ 89, 25.021,
202.631

■ 89, 25.021,
202.631

■ 88, 30.779,
202.520

■ 91, 18.477,
202.839

■ 86, 35.629,
202.532

■ 92, 11.280,
203.147

■ 85, 39.476,
202.680

■ 94, 3.563, 203.622

■ 85, 42.271,
202.980

■ 96, 4.552, 23.709

■ 97, 4.448, 31.480

■ 84, 44.023,

203.446

97, 4.213, 40.510

83, 44.821,
204.086

97, 4.093, 50.325

83, 44.979,
204.499

98, 4.099, 60.409

98, 4.230, 70.155

Harmonies

Complementary

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



89, 25.021, 202.631



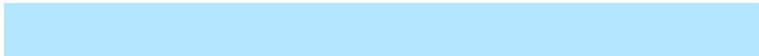
74, 32.064, 26.047

Rectangle

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



89, 25.021, 202.631



89, 25.021, 252.631



89, 25.021, 22.631



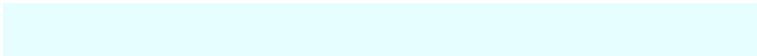
89, 25.021, 72.631

Sweetspot

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



89, 25.021, 202.628



98, 8.279, 203.319



88, 51.256, 142.794



52, 5.627, 203.261



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

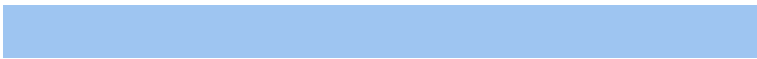
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89, 25.021, 202.628



93, 30.231, 202.544



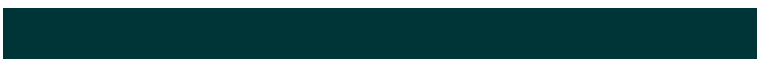
78, 26.143, 264.700



49, 4.480, 203.343



65, 36.719, 204.352



20, 16.161, 203.176

Inverse Universe

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



76, 50.708, 327.688



76, 62.733, 328.048



84, 28.242, 74.478



47, 8.331, 326.268



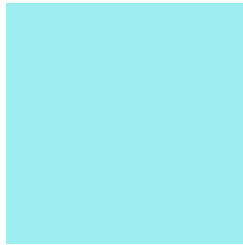
43, 86.953, 330.243



10, 38.159, 329.951

Previews

White Background



This preview shows how the CIE LCh color 89, 25.021, 202.631 looks on a white background.

Color Contrast Check

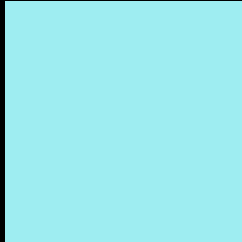
Large Text (above 18pt) WCAG AA × Fail

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, 25.021, 202.631 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

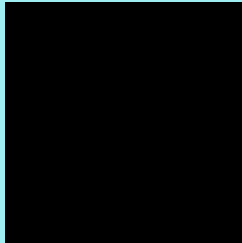
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 89, 25.021, 202.631

Background



This preview shows how black text looks on a background with the CIELCh color 89, 25.021, 202.631.



This preview shows how white text looks on a background with the CIELCh color 89, 25.021, 202.631.

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



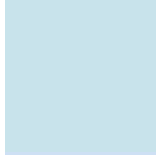


Tritanopia
89, 24.554, 222.039

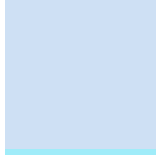
Trichromacy



Original Color
89, 25.021, 202.631



Protanomaly
89, 10.013, 223.599



Deuteranomaly
88, 11.934, 260.436

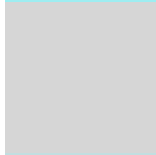


Tritanomaly
89, 24.415, 214.198

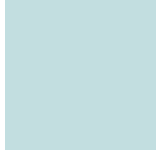
Monochromacy



Original Color
89, 25.021, 202.631



Achromatopsia
86, 0.010, 296.813



Achromatomaly
87, 9.718, 205.012

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 25.021, 202.631 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(158, 237, 241)` looks like.

```
.text, #text, p{  
    color:rgb(158, 237, 241)  
}
```

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(158, 237, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 237, 241) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 25.021, 202.631 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(158, 237, 241) }
```

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

```
.border{ border-color:rgb(158, 237, 241) }
```

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

Here you see how a box with a 4 pixel rgb(158, 237, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 237, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 237, 241);  
box-shadow:4px 4px 4px 4px rgb(158, 237,  
241) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 25.021, 202.631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 237, 241) }
```

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

```
.background{ background-color: rgb(158,  
237, 241) }
```

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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