

Converting Colors

CIELCh(89, 26.032, 205.902)

Have a look what the booklet for
CIELCh(89, 26.032, 205.902)
contains.

CIELCh(89, 26.032, 205.902)	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, 26.032, 205.902)

Conversions

Conversions Part 1

Format	Color
Hex	9AEDF4
RGB	154, 237, 244
RGB Percent	60%, 93%, 96%
CMY	0.3950, 0.0695, 0.0421
CMYK	0.37, 0.03, 0.00, 0.04
HSL	185°, 81%, 78%
HSV	185°, 37%, 96%
XYZ	60.1055, 74.1641, 96.9453
YIQ	212.9810, -51.7150, -15.4190

Conversions

Conversions Part 2

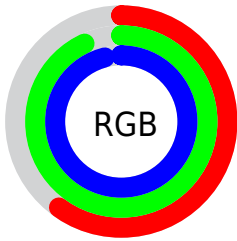
Format	Color
RYB	154, 197, 244
Decimal	10153460
CIELab	89.00, -23.42, -11.37
CIELCh	89, 26.032, 205.902
Yxy	74.1641, 0.2600, 0.3208
Android (android.graphics.Color)	4288343540 (0xFF9AEDF4)
YUV	212.9810, 15.2924, -51.7263
Hunter-Lab	86.1186, -26.1255, -6.4608

Details

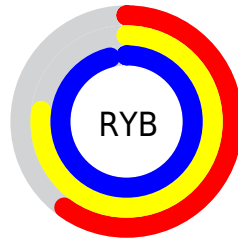
The CIELCh color **89, 26.032, 205.902** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **74, 34.143, 28.621**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 14.367, 198.548**, and **69, 25.970, 206.029** is the 20% darker color. If you saturate the color by 10%, you get **87, 31.481, 206.020**, and if you desaturate by 10%, it is **91, 19.776, 205.917**.

Distribution



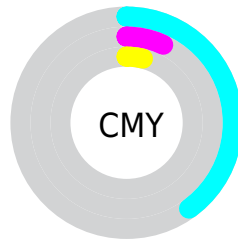
- Red (60%)
- Green (93%)
- Blue (96%)



- Red (60%)
- Yellow (77%)
- Blue (96%)



- Cyan (37%)
- Magenta (3%)
- Yellow (0%)
- Black (4%)



- Cyan (40%)
- Magenta (7%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 26.032, 205.902 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, 26.032, 205.902 by changing the saturation by 10% instead.

■ 89, 26.032,
205.902

■ 89, 26.032,
205.902

■ 100, 26.032,
205.902

■ 79, 26.032,
205.902

■ 69, 26.032,
205.902

■ 59, 26.032,
205.902

■ 49, 26.032,
205.902

■ 39, 26.032,
205.902

■ 29, 26.032,
205.902

■ 19, 26.032,

205.902

■ 9, 26.032, 205.902

■ 0, 26.032, 205.902

■ 89, 26.032,
205.902

■ 89, 26.032,
205.902

■ 87, 31.481,
206.020

■ 91, 19.776,
205.917

■ 86, 36.006,
206.307

■ 93, 12.845,
206.057

■ 85, 39.517,
206.788

■ 95, 5.369, 206.340

■ 84, 41.975,
207.492

■ 97, 2.530, 26.247

■ 98, 3.173, 42.983

■ 83, 43.406,

208.445

98, 3.151, 64.450

82, 43.924,
209.664

99, 3.545, 83.543

82, 43.986,
210.083

99, 4.240, 97.581

100, 5.112,
107.237

Harmonies

Complementary

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



89, 26.032, 205.902



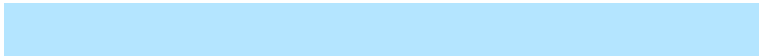
74, 34.143, 28.621

Rectangle

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



89, 26.032, 205.902



89, 26.032, 255.902



89, 26.032, 25.902



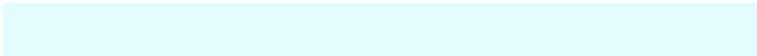
89, 26.032, 75.902

Sweetspot

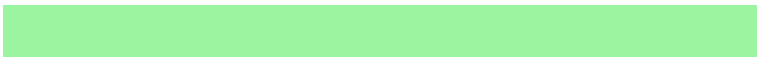
The Sweet Spot groups the original color and five complimentary colors.



89, 26.032, 205.899



98, 8.834, 206.197



89, 54.103, 143.469



52, 5.913, 206.160



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, 26.032, 205.899



91, 31.068, 205.972



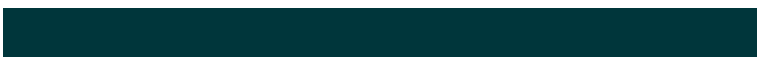
77, 29.387, 268.589



50, 4.434, 206.243



64, 35.918, 209.829



20, 16.137, 207.883

Inverse Universe

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



75, 53.644, 328.727



75, 65.692, 329.133



85, 31.271, 77.400



48, 8.305, 327.129



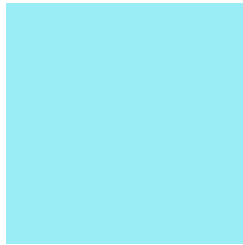
43, 85.827, 331.592



10, 38.469, 331.115

Previews

White Background



This preview shows how the CIE LCh color 89, 26.032, 205.902 looks on a white background.

Color Contrast Check

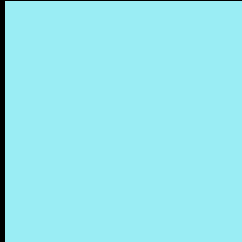
Large Text (above 18pt) WCAG AA × Fail

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, 26.032, 205.902 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

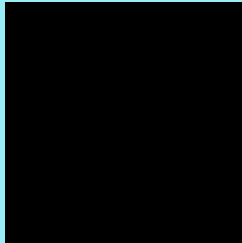
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 89, 26.032, 205.902

Background



This preview shows how black text looks on a background with the CIELCh color 89, 26.032, 205.902.

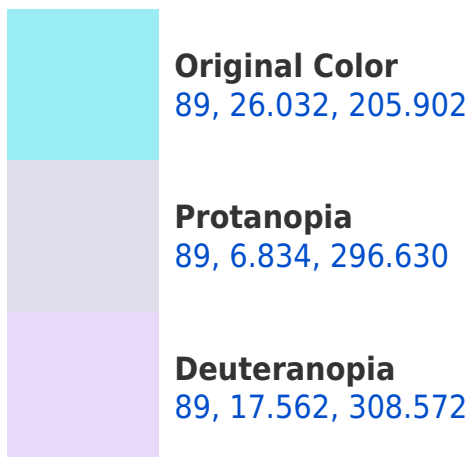



This preview shows how white text looks on a background with the CIELCh color 89, 26.032, 205.902.

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



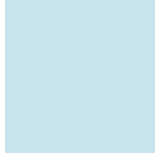


Tritanopia
89, 25.759, 220.773

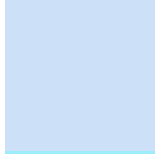
Trichromacy



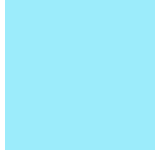
Original Color
89, 26.032, 205.902



Protanomaly
89, 11.226, 229.725



Deuteranomaly
88, 13.576, 261.625

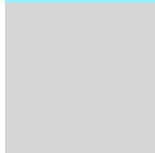


Tritanomaly
89, 25.583, 215.859

Monochromacy



Original Color
89, 26.032, 205.902



Achromatopsia
85, 0.010, 296.813



Achromatomaly
86, 10.379, 204.568

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 26.032, 205.902 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(154, 237, 244)` looks like.

```
.text, #text, p{  
    color:rgb(154, 237, 244)  
}
```

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(154, 237, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 237, 244) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 26.032, 205.902 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(154, 237, 244) }
```

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

```
.border{ border-color:rgb(154, 237, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 237, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 237, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 237, 244);  
box-shadow:4px 4px 4px 4px rgb(154, 237,  
244) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 26.032, 205.902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 237, 244) }
```

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

```
.background{ background-color: rgb(154,  
237, 244) }
```

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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