

Converting Colors

CIELCh(89, 20.616, 195.064)

Have a look what the booklet for
CIELCh(89, 20.616, 195.064)
contains.

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Color

CIElCh(89, 20.525, 195.135)

Conversions

Conversions Part 1

Format	Color
Hex	ADEBE9
RGB	173, 235, 233
RGB Percent	68%, 92%, 91%
CMY	0.3217, 0.0785, 0.0864
CMYK	0.26, 0.00, 0.01, 0.08
HSL	178°, 61%, 80%
HSV	178°, 26%, 92%
XYZ	61.6324, 74.1641, 88.1378
YIQ	216.2340, -36.3100, -13.7660

Conversions

Conversions Part 2

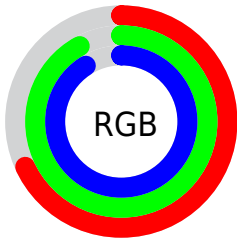
Format	Color
RYB	173, 205, 235
Decimal	11398121
CIELab	89.00, -19.81, -5.36
CIELCh	89, 20.525, 195.135
Yxy	74.1641, 0.2752, 0.3312
Android (android.graphics.Color)	4289588201 (0xFFAEBE9)
YUV	216.2340, 8.2656, -37.9162
Hunter-Lab	86.1186, -22.9606, -0.3971

Details

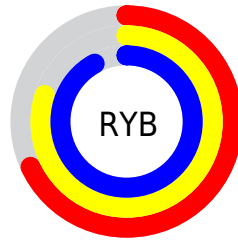
The CIELCh color **89, 20.525, 195.135** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **76, 24.284, 19.019**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 8.521, 198.944**, and **69, 20.406, 194.655** is the 20% darker color. If you saturate the color by 10%, you get **88, 27.240, 194.558**, and if you desaturate by 10%, it is **90, 13.151, 195.741**.

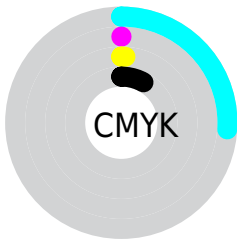
Distribution



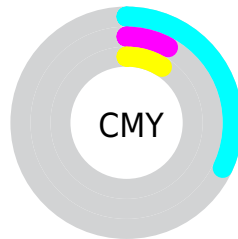
- Red (68%)
- Green (92%)
- Blue (91%)



- Red (68%)
- Yellow (80%)
- Blue (92%)



- Cyan (26%)
- Magenta (0%)
- Yellow (1%)
- Black (8%)





- Cyan (32%)
- Magenta (8%)
- Yellow (9%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 89, 20.525, 195.135 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, 20.525, 195.135 by changing the saturation by 10% instead.


 89, 20.525,
195.135


 89, 20.525,
195.135


 100, 20.525,
195.135


 79, 20.525,
195.135

 69, 20.525,
195.135

 59, 20.525,
195.135

 49, 20.525,
195.135

 39, 20.525,
195.135


 29, 20.525,
195.135


 19, 20.525,


195.135


 9, 20.525, 195.135


 0, 20.525, 195.135

 89, 20.525,
195.135


 89, 20.525,
195.135

 88, 27.240,
194.558

 90, 13.151,
195.741

 87, 33.159,
194.018

 92, 5.254, 196.430

 86, 38.164,
193.508

 94, 3.035, 16.747

 85, 42.165,
193.024

 95, 7.219, 15.618

 85, 45.126,

 95, 7.252, 12.558

 95, 7.306, 9.534

192.559

95, 7.380, 6.564

85, 47.070,
192.103

95, 7.474, 3.661

85, 48.101,
191.644

95, 7.587, 0.838

84, 48.348,
191.478

Harmonies

Complementary

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



89, 20.525, 195.135



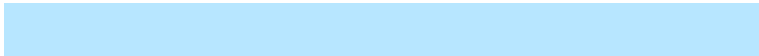
76, 24.284, 19.019

Rectangle

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



89, 20.525, 195.135



89, 20.525, 245.135



89, 20.525, 15.135



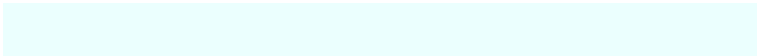
89, 20.525, 65.135

Sweetspot

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



89, 20.526, 195.131



99, 7.007, 196.303



88, 39.045, 141.838



52, 4.963, 196.194



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, 20.526, 195.131



95, 26.042, 194.797



81, 18.461, 255.658



48, 4.635, 196.200



67, 39.753, 191.556



19, 16.954, 192.247

Inverse Universe

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



76, 24.284, 19.019



79, 32.107, 19.759



83, 20.153, 68.575



46, 4.905, 17.323



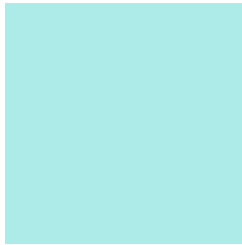
38, 79.420, 38.669



7, 28.397, 21.406

Previews

White Background



This preview shows how the CIELCh color 89, 20.525, 195.135 looks on a white background.

Color Contrast Check

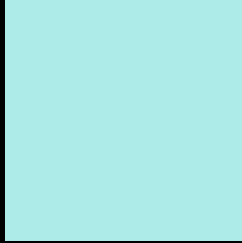
Large Text (above 18pt) WCAG AA × Fail

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, 20.525, 195.135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

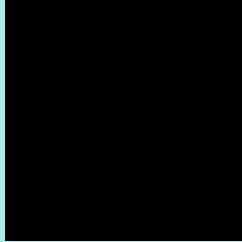
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 89, 20.525, 195.135

Background



This preview shows how black text looks on a background with the CIELCh color 89, 20.525, 195.135.



This preview shows how white text looks on a background with the CIELCh color 89, 20.525, 195.135.

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](#).

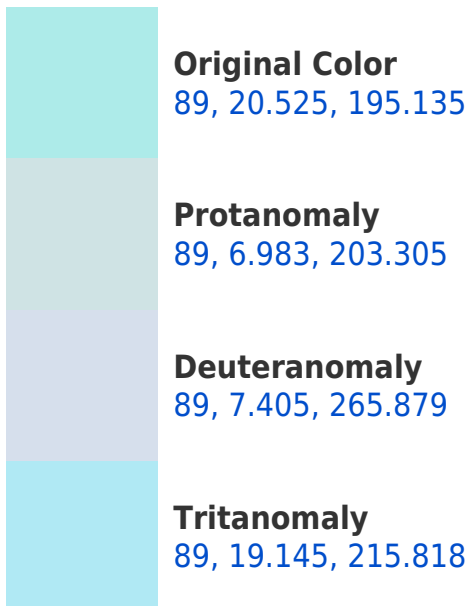
Dichromacy



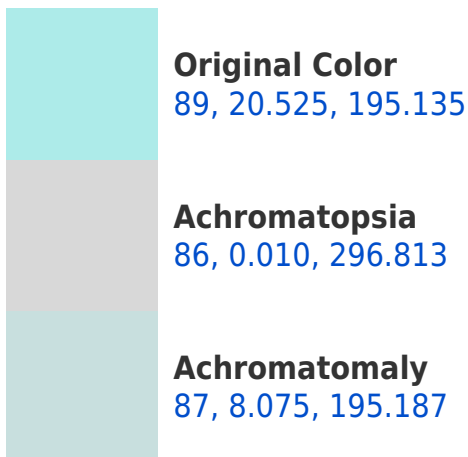


Tritanopia
89, 19.851, 228.531

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 20.525, 195.135 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(173, 235, 233)` looks like.

```
.text, #text, p{  
    color:rgb(173, 235, 233)  
}
```

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(173, 235, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 235, 233) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 20.525, 195.135 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(173, 235, 233) }
```

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

```
.border{ border-color:rgb(173, 235, 233) }
```

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

Here you see how a box with a 4 pixel rgb(173, 235, 233) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 235, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 235, 233);  
box-shadow:4px 4px 4px 4px rgb(173, 235,  
233) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 20.525, 195.135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 235, 233) }
```

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

```
.background{ background-color: rgb(173,  
235, 233) }
```

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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