

Converting Colors

CIELCh(89, 20.854, 205.884)

Have a look what the booklet for
CIELCh(89, 20.854, 205.884)
contains.

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Color

CIElCh(89, 20.828, 205.325)

Conversions

Conversions Part 1

Format	Color
Hex	ABEBF0
RGB	171, 235, 240
RGB Percent	67%, 92%, 94%
CMY	0.3304, 0.0795, 0.0599
CMYK	0.29, 0.02, 0.00, 0.06
HSL	184°, 69%, 80%
HSV	184°, 29%, 94%
XYZ	62.0550, 74.1641, 93.2706
YIQ	216.4340, -39.7490, -12.0130

Conversions

Conversions Part 2

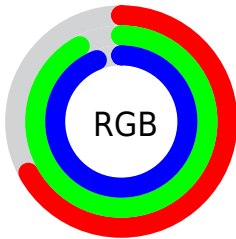
Format	Color
R _Y B	171, 204, 240
Decimal	11267056
CIE Lab	89.00, -18.83, -8.91
CIE LCh	89, 20.828, 205.325
Yxy	74.1641, 0.2704, 0.3232
Android (android.graphics.Color)	4289457136 (0xFFABEBF0)
YUV	216.4340, 11.6180, -39.8456
Hunter-Lab	86.1186, -22.0848, -3.9309

Details

The CIELCh color **89, 20.828, 205.325** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **77, 25.544, 27.426**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 9.184, 198.897**, and **69, 20.872, 205.414** is the 20% darker color. If you saturate the color by 10%, you get **87, 26.878, 205.295**, and if you desaturate by 10%, it is **91, 14.085, 205.466**.

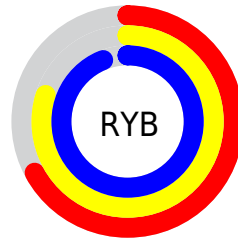
Distribution



Red (67%)

Green (92%)

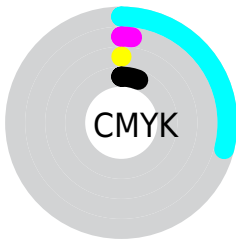
Blue (94%)



Red (67%)

Yellow (80%)

Blue (94%)

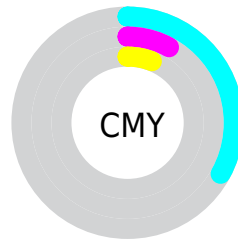


Cyan (29%)

Magenta (2%)

Yellow (0%)

Black (6%)



Cyan (33%)


Magenta (8%)


Yellow (6%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 89, 20.828, 205.325 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, 20.828, 205.325 by changing the saturation by 10% instead.


 89, 20.828,
205.325


 89, 20.828,
205.325


 100, 20.828,
205.325


 79, 20.828,
205.325

 69, 20.828,
205.325

 59, 20.828,
205.325

 49, 20.828,
205.325

 39, 20.828,
205.325

 29, 20.828,
205.325

 19, 20.828,

205.325

■ 9, 20.828, 205.325

■ 0, 20.828, 205.325

■ 89, 20.828,
205.325

■ 89, 20.828,
205.325

■ 87, 26.878,
205.295

■ 91, 14.085,
205.466

■ 86, 32.107,
205.406

■ 93, 6.780, 205.735

■ 85, 36.403,
205.680

■ 95, 0.966, 25.272

■ 84, 39.687,
206.142

■ 96, 4.855, 31.389

■ 83, 41.931,

■ 97, 4.532, 43.987

■ 97, 4.454, 57.729

206.819

98, 4.634, 71.146

82, 43.174,
207.733

98, 5.043, 82.953

81, 43.575,
208.886

98, 5.630, 92.627

81, 43.601,
209.034

Harmonies

Complementary

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



89, 20.828, 205.325



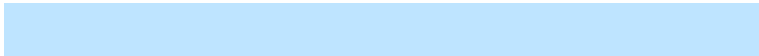
77, 25.544, 27.426

Rectangle

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



89, 20.828, 205.325



89, 20.828, 255.325



89, 20.828, 25.325



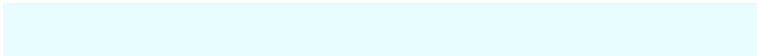
89, 20.828, 75.325

Sweetspot

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



89, 20.828, 205.321



98, 7.302, 205.726



89, 41.785, 144.235



52, 5.055, 205.677



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, 20.828, 205.321



93, 25.935, 205.289



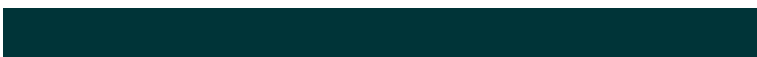
80, 22.612, 266.863



49, 4.380, 205.710



64, 35.742, 208.802



19, 15.770, 206.923

Inverse Universe

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



78, 41.642, 328.099



79, 53.041, 328.461



86, 23.714, 78.504



47, 8.193, 326.970



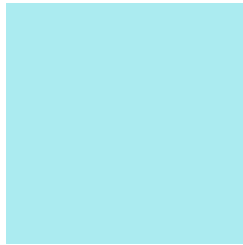
43, 85.312, 331.340



10, 37.537, 330.878

Previews

White Background



This preview shows how the CIELCh color 89, 20.828, 205.325 looks on a white background.

Color Contrast Check

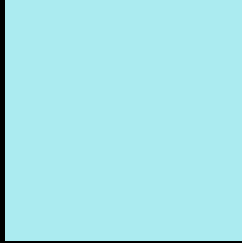
Large Text (above 18pt) WCAG AA × Fail

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, 20.828, 205.325 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

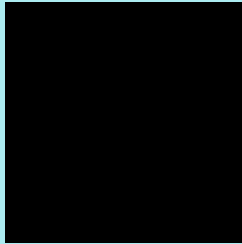
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 89, 20.828, 205.325

Background



This preview shows how black text looks on a background with the CIELCh color 89, 20.828, 205.325.



This preview shows how white text looks on a background with the CIELCh color 89, 20.828, 205.325.

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



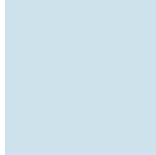


Tritanopia
89, 21.099, 226.498

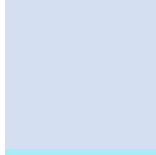
Trichromacy



Original Color
89, 20.828, 205.325



Protanomaly
89, 8.505, 232.631



Deuteranomaly
89, 10.517, 270.090

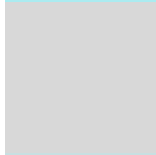


Tritanomaly
89, 20.839, 218.852

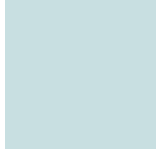
Monochromacy



Original Color
89, 20.828, 205.325



Achromatopsia
86, 0.010, 296.813



Achromatomaly
87, 8.045, 206.424

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 20.828, 205.325 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(171, 235, 240)` looks like.

```
.text, #text, p{  
    color:rgb(171, 235, 240)  
}
```

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(171, 235, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 235, 240) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 20.828, 205.325 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(171, 235, 240) }
```

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

```
.border{ border-color:rgb(171, 235, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 235, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 235, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 235, 240);  
box-shadow:4px 4px 4px 4px rgb(171, 235,  
240) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 20.828, 205.325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 235, 240) }
```

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

```
.background{ background-color: rgb(171,  
235, 240) }
```

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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