

Converting Colors

CIE LCh(89, 9.267, 182.270)

Have a look what the booklet for
CIELCh(89, 9.267, 182.270) contains.

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Color

CIELCh(89, 9.182, 182.333)

Conversions

Conversions Part 1

Format	Color
Hex	CCE5E0
RGB	204, 229, 224
RGB Percent	80%, 90%, 88%
CMY	0.2005, 0.1024, 0.1221
CMYK	0.11, 0.00, 0.02, 0.10
HSL	168°, 32%, 85%
HSV	168°, 11%, 90%
XYZ	66.2903, 74.1641, 81.2533
YIQ	220.9550, -13.2950, -6.8550

Conversions

Conversions Part 2

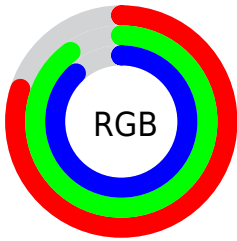
Format	Color
R_{YB}	204, 218, 229
Decimal	13428192
CIE _{Lab}	89.00, -9.17, -0.37
CIE _{LCh}	89, 9.182, 182.333
Yxy	74.1641, 0.2990, 0.3345
Android (android.graphics.Color)	4291618272 (0xFFCCE5E0)
YUV	220.9550, 1.5012, -14.8695
Hunter-Lab	86.1186, -13.3061, 4.3426

Details

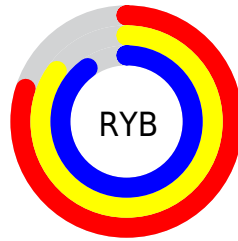
The CIELCh color **89, 9.182, 182.333** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **84, 9.590, 4.224**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **69, 9.282, 181.437** is the 20% darker color. If you saturate the color by 10%, you get **87, 17.307, 181.354**, and if you desaturate by 10%, it is **91, 0.781, 183.882**.

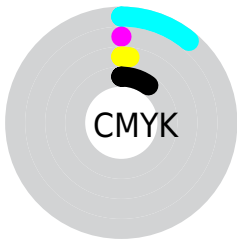
Distribution



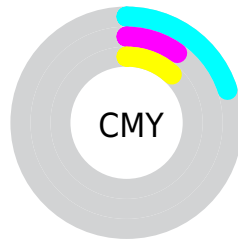
- Red (80%)
- Green (90%)
- Blue (88%)



- Red (80%)
- Yellow (85%)
- Blue (90%)



- Cyan (11%)
- Magenta (0%)
- Yellow (2%)
- Black (10%)



- Cyan (20%)
- Magenta (10%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 9.182, 182.333 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, 9.182, 182.333 by changing the saturation by 10% instead.

89, 9.182, 182.333

89, 9.182, 182.333

100, 9.182,
182.333

79, 9.182, 182.333

69, 9.182, 182.333

59, 9.182, 182.333

49, 9.182, 182.333

39, 9.182, 182.333

29, 9.182, 182.333

19, 9.182, 182.333

9, 9.182, 182.333

0, 9.182, 182.333

89, 9.182, 182.333

89, 9.182, 182.333

87, 17.307,
181.354

91, 0.781, 183.882

86, 25.019,
180.347

93, 7.787, 3.946

85, 32.177,
179.277

93, 10.407,
354.541

84, 38.638,
178.124

93, 11.586,
343.944

83, 44.274,
176.865

93, 13.093,
335.578

82, 48.989,
175.477

94, 14.829,
329.092

82, 52.743,
173.937

94, 16.324,
324.989

82, 55.567,
172.227

■ 82, 57.503,
170.556

Harmonies

Complementary

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



89, 9.182, 182.333



84, 9.590, 4.224

Rectangle

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



89, 9.182, 182.333



89, 9.182, 232.333



89, 9.182, 2.333



89, 9.182, 52.333

Sweetspot

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



89, 9.184, 182.324



99, 2.776, 183.196



89, 14.871, 137.822



53, 2.104, 183.078



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, 9.184, 182.324



98, 11.895, 182.116



87, 7.162, 230.333



47, 4.795, 182.468



65, 47.548, 170.884



18, 19.192, 174.120

Inverse Universe

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



84, 9.590, 4.224



91, 12.530, 4.461



86, 7.617, 48.795



45, 4.978, 4.065



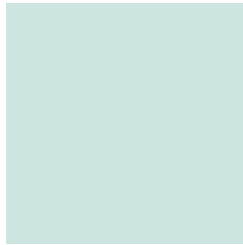
37, 71.012, 29.296



7, 26.667, 13.409

Previews

White Background



This preview shows how the CIELCh color 89, 9.182, 182.333 looks on a white background.

Color Contrast Check

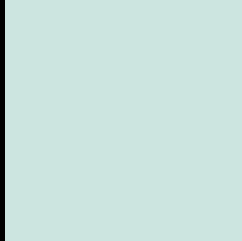
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 89, 9.182, 182.333 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

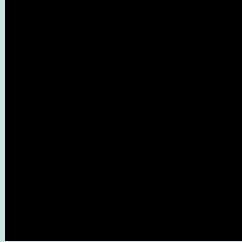
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

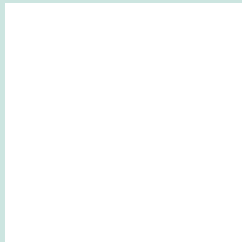
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 9.182, 182.333

Background



This preview shows how black text looks on a background with the CIELCh color 89, 9.182, 182.333.



This preview shows how white text looks on a background with the CIELCh color 89, 9.182, 182.333.

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](#).

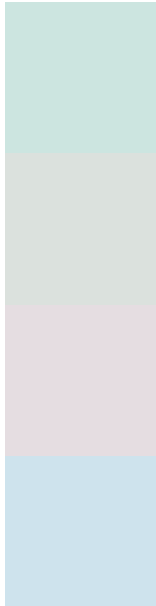
Dichromacy





Tritanopia
89, 11.226, 256.047

Trichromacy



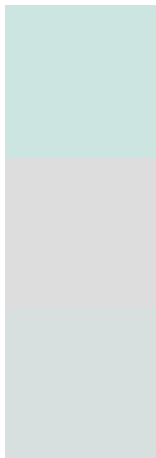
Original Color
89, 9.182, 182.333

Protanomaly
89, 3.002, 155.607

Deuteranomaly
89, 3.569, 343.811

Tritanomaly
89, 8.774, 235.588

Monochromacy



Original Color
89, 9.182, 182.333

Achromatopsia
88, 0.010, 296.813

Achromatomaly
88, 3.378, 181.373

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 9.182, 182.333 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(204, 229, 224)` looks like.

```
.text, #text, p{  
    color:rgb(204, 229, 224)  
}
```

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(204, 229, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 229, 224) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 9.182, 182.333 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(204, 229, 224) }
```

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

```
.border{ border-color:rgb(204, 229, 224) }
```

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

Here you see how a box with a 4 pixel rgb(204, 229, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 229, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 229, 224);  
box-shadow:4px 4px 4px 4px rgb(204, 229,  
224) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 9.182, 182.333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 229, 224) }
```

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

```
.background{ background-color: rgb(204,  
229, 224) }
```

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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