

Converting Colors

CIE LCh(89, 9.183, 246.187)

Have a look what the booklet for
CIELCh(89, 9.183, 246.187) contains.

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Color

CIELCh(89, 9.262, 246.287)

Conversions

Conversions Part 1

Format	Color
Hex	CFE2EF
RGB	207, 226, 239
RGB Percent	81%, 89%, 94%
CMY	0.1868, 0.1123, 0.0613
CMYK	0.13, 0.05, 0.00, 0.06
HSL	204°, 51%, 88%
HSV	204°, 13%, 94%
XYZ	68.7647, 74.1641, 92.6398
YIQ	221.8010, -15.4970, 0.0150

Conversions

Conversions Part 2

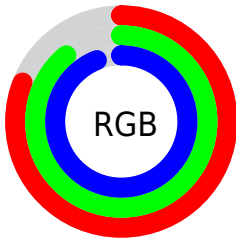
Format	Color
R_{YB}	207, 219, 239
Decimal	13624047
CIE _{Lab}	89.00, -3.72, -8.48
CIE _{LCh}	89, 9.262, 246.287
Y _{xy}	74.1641, 0.2919, 0.3148
Android (android.graphics.Color)	4291814127 (0xFFCFE2EF)
Y _{UV}	221.8010, 8.4791, -12.9805
Hunter-Lab	86.1186, -8.1775, -3.4966

Details

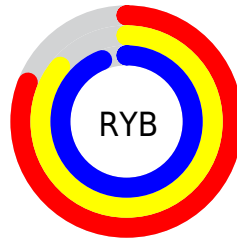
The CIELCh color $89, 9.262, 246.287$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $89, 9.778, 63.201$, and the grayscale version is $89, 0.011, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $69, 9.304, 244.317$ is the 20% darker color. If you saturate the color by 10%, you get $85, 15.946, 247.735$, and if you desaturate by 10%, it is $93, 2.369, 245.211$.

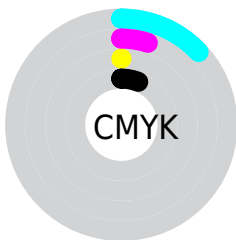
Distribution



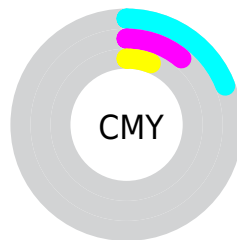
- Red (81%)
- Green (89%)
- Blue (94%)



- Red (81%)
- Yellow (86%)
- Blue (94%)



- Cyan (13%)
- Magenta (5%)
- Yellow (0%)
- Black (6%)



- Cyan (19%)
- Magenta (11%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 9.262, 246.287 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, 9.262, 246.287 by changing the saturation by 10% instead.

■ 89, 9.262, 246.287

■ 89, 9.262, 246.287

■ 100, 9.262,
246.287

■ 79, 9.262, 246.287

■ 69, 9.262, 246.287

■ 59, 9.262, 246.287

■ 49, 9.262, 246.287

■ 39, 9.262, 246.287

■ 29, 9.262, 246.287

■ 19, 9.262, 246.287

■ 9, 9.262, 246.287

■ 0, 9.262, 246.287

89, 9.262, 246.287

89, 9.262, 246.287

85, 15.946,
247.735

93, 2.369, 245.211

81, 22.369,
249.533

97, 4.621, 64.625

77, 28.480,
251.731

100, 7.911,
109.576

73, 34.244,
254.405

70, 39.651,
257.629

66, 44.737,
261.450

63, 49.599,
265.860

60, 54.391,
270.754

■ 58, 57.644,
274.080

Harmonies

Complementary

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



89, 9.262, 246.287



89, 9.778, 63.201

Rectangle

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



89, 9.262, 246.287



89, 9.262, 296.287



89, 9.262, 66.287



89, 9.262, 116.287

Sweetspot

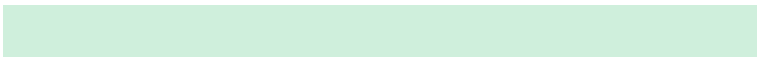
The Sweet Spot groups the original color and five complimentary colors.



89, 9.261, 246.275



98, 2.955, 245.249



92, 15.167, 157.602



52, 2.097, 245.307



0, 0.000, 0.000



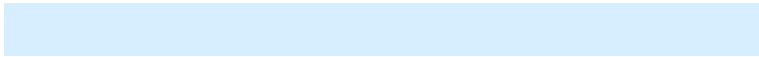
53, 0.007, 296.813

Same Dimension

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



89, 9.261, 246.275



93, 11.621, 246.636



85, 15.184, 287.352



48, 3.961, 245.793



45, 46.598, 273.166



12, 18.209, 264.779

Inverse Universe

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



86, 15.264, 339.934



90, 19.267, 340.162



93, 14.824, 104.390



47, 6.470, 339.608



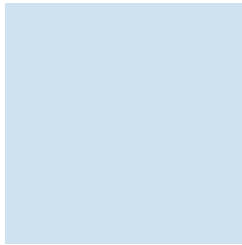
40, 68.105, 353.414



9, 30.568, 348.703

Previews

White Background



This preview shows how the CIELCh color 89, 9.262, 246.287 looks on a white background.

Color Contrast Check

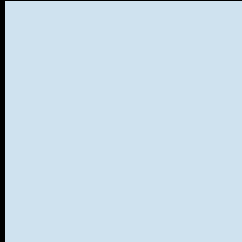
Large Text (above 18pt) WCAG AA × Fail

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, 9.262, 246.287 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

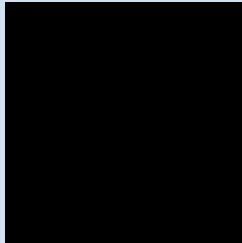
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

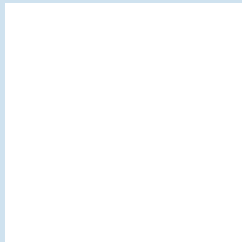
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 9.262, 246.287

Background



This preview shows how black text looks on a background with the CIELCh color 89, 9.262, 246.287.

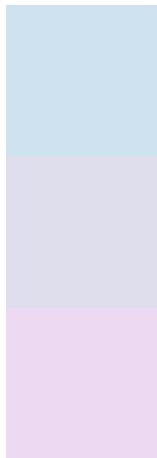


This preview shows how white text looks on a background with the CIELCh color 89, 9.262, 246.287.

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



Original Color

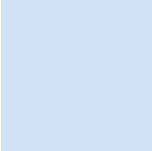
89, 9.262, 246.287

Protanopia

89, 7.837, 293.374

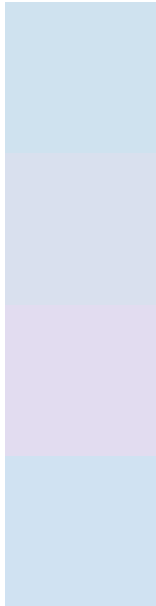
Deuteranopia

89, 14.419, 320.236



Tritanopia
89, 11.049, 257.484

Trichromacy



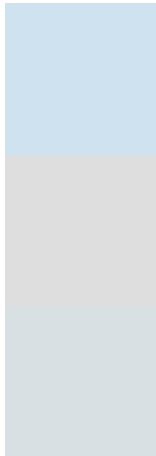
Original Color
89, 9.262, 246.287

Protanomaly
89, 7.641, 272.315

Deuteranomaly
89, 10.678, 302.291

Tritanomaly
89, 10.213, 254.075

Monochromacy



Original Color
89, 9.262, 246.287

Achromatopsia
88, 0.011, 296.813

Achromatomaly
89, 3.206, 240.071

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 9.262, 246.287 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(207, 226, 239)` looks like.

```
.text, #text, p{  
    color:rgb(207, 226, 239)  
}
```

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(207, 226, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 226, 239) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 9.262, 246.287 is called "border". The border property can be set on classes, ids or directly on the HTML element.

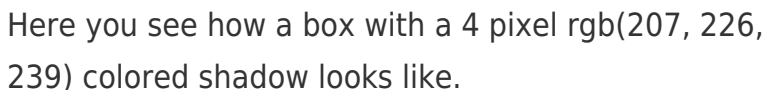
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(207, 226, 239) }
```

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

```
.border{ border-color:rgb(207, 226, 239) }
```

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



Here you see how a box with a 4 pixel `rgb(207, 226, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 226, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 226, 239);  
box-shadow:4px 4px 4px 4px rgb(207, 226,  
239) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 9.262, 246.287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 226, 239) }
```

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

```
.background{ background-color: rgb(207,  
226, 239) }
```

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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