

Converting Colors

CIELCh(89, 7.210, 195.798)

Have a look what the booklet for
CIELCh(89, 7.210, 195.798) contains.

CIELCh(89, 7.366, 194.915)	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, 7.366, 194.915)

Conversions

Conversions Part 1

Format	Color
Hex	CFE4E3
RGB	207, 228, 227
RGB Percent	81%, 89%, 89%
CMY	0.1889, 0.1066, 0.1105
CMYK	0.09, 0.00, 0.00, 0.11
HSL	177°, 28%, 85%
HSV	177°, 9%, 89%
XYZ	67.2170, 74.1641, 83.3159
YIQ	221.6070, -12.1950, -4.7630

Conversions

Conversions Part 2

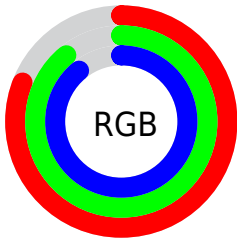
Format	Color
R _Y B	207, 218, 228
Decimal	13624547
CIE Lab	89.00, -7.12, -1.90
CIE LCh	89, 7.366, 194.915
Yxy	74.1641, 0.2991, 0.3301
Android (android.graphics.Color)	4291814627 (0xFFCFE4E3)
YUV	221.6070, 2.6587, -12.8103
Hunter-Lab	86.1186, -11.3854, 2.9226

Details

The CIELCh color `89, 7.366, 194.915` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `85, 7.770, 16.048`, 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, 7.353, 194.555` is the 20% darker color. If you saturate the color by 10%, you get `88, 14.972, 194.206`, and if you desaturate by 10%, it is `91, 0.640, 14.548`.

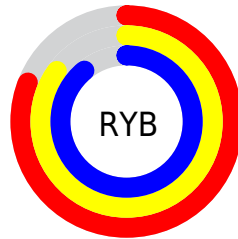
Distribution



Red (81%)

Green (89%)

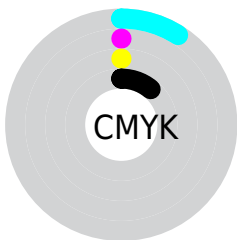
Blue (89%)



Red (81%)

Yellow (85%)

Blue (89%)

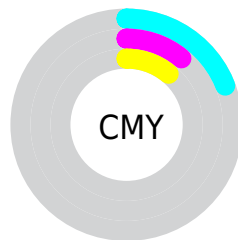


Cyan (9%)

Magenta (0%)

Yellow (0%)

Black (11%)



Cyan (19%)

Magenta (11%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 7.366, 194.915 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, 7.366, 194.915 by changing the saturation by 10% instead.

■ 89, 7.366, 194.915

■ 89, 7.366, 194.915

■ 100, 7.366,
194.915

■ 79, 7.366, 194.915

■ 69, 7.366, 194.915

■ 59, 7.366, 194.915

■ 49, 7.366, 194.915

■ 39, 7.366, 194.915

■ 29, 7.366, 194.915

■ 19, 7.366, 194.915

■ 9, 7.366, 194.915

■ 0, 7.366, 194.915

89, 7.366, 194.915

89, 7.366, 194.915

88, 14.972,
194.206

91, 0.640, 14.548

86, 22.046,
193.555

92, 8.932, 16.099

85, 28.454,
192.927

93, 9.928, 13.336

84, 34.064,
192.319

93, 9.994, 10.151

83, 38.766,
191.723

93, 10.092, 7.018

83, 42.482,
191.133

93, 10.219, 3.955

82, 45.187,
190.537

93, 10.376, 0.977

82, 46.920,
189.922

93, 10.561,
358.097

93, 10.773,
355.325

■ 82, 47.849,
189.281

Harmonies

Complementary

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



89, 7.366, 194.915



85, 7.770, 16.048

Rectangle

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



89, 7.366, 194.915



89, 7.366, 244.915



89, 7.366, 14.915



89, 7.366, 64.915

Sweetspot

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



89, 7.367, 194.902



99, 2.660, 195.479



89, 13.162, 142.612



53, 2.014, 195.373



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, 7.367, 194.902



98, 9.592, 194.766



87, 6.318, 251.021



47, 4.564, 194.884



66, 39.890, 189.339



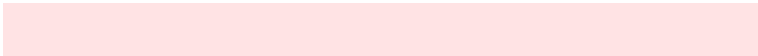
18, 16.626, 190.388

Inverse Universe

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



85, 7.770, 16.048



92, 10.228, 16.216



87, 6.503, 68.696



45, 4.820, 16.070



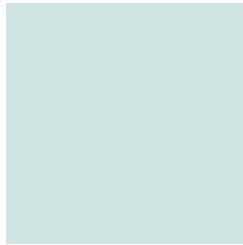
37, 77.942, 38.033



6, 26.953, 19.789

Previews

White Background



This preview shows how the CIELCh color 89, 7.366, 194.915 looks on a white background.

Color Contrast Check

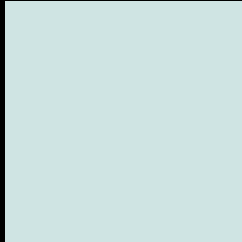
Large Text (above 18pt) WCAG AA × Fail

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, 7.366, 194.915 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

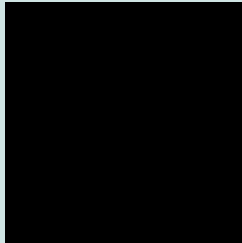
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

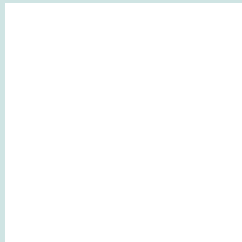
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 7.366, 194.915

Background



This preview shows how black text looks on a background with the CIELCh color 89, 7.366, 194.915.



This preview shows how white text looks on a background with the CIELCh color 89, 7.366, 194.915.

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](#).

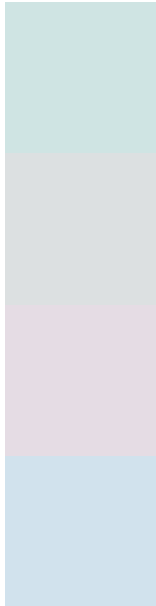
Dichromacy





Tritanopia
89, 10.565, 262.099

Trichromacy



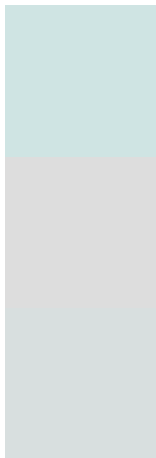
Original Color
89, 7.366, 194.915

Protanomaly
89, 1.509, 219.921

Deuteranomaly
89, 5.299, 327.781

Tritanomaly
89, 8.086, 244.422

Monochromacy



Original Color
89, 7.366, 194.915

Achromatopsia
88, 0.010, 296.813

Achromatomaly
88, 2.486, 199.472

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 7.366, 194.915 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, 228, 227)` looks like.

```
.text, #text, p{  
    color:rgb(207, 228, 227)  
}
```

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, 228, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 228, 227) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 7.366, 194.915 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, 228, 227) }
```

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

```
.border{ border-color:rgb(207, 228, 227) }
```

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

Here you see how a box with a 4 pixel rgb(207, 228, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 228, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 228, 227);  
box-shadow:4px 4px 4px 4px rgb(207, 228,  
227) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 7.366, 194.915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 228, 227) }
```

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

```
.background{ background-color: rgb(207,  
228, 227) }
```

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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