

Converting Colors

CIELCh(89, 7.281, 199.040)

Have a look what the booklet for
CIELCh(89, 7.281, 199.040) contains.

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Color

CIELCh(89, 7.323, 198.984)

Conversions

Conversions Part 1

Format	Color
Hex	CFE4E4
RGB	207, 228, 228
RGB Percent	81%, 89%, 89%
CMY	0.1892, 0.1069, 0.1069
CMYK	0.09, 0.00, 0.00, 0.11
HSL	180°, 28%, 85%
HSV	180°, 9%, 89%
XYZ	67.3044, 74.1641, 83.9821
YIQ	221.7210, -12.5160, -4.4520

Conversions

Conversions Part 2

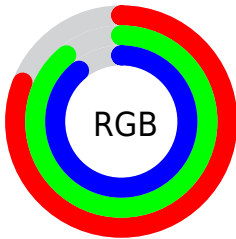
Format	Color
R_{YB}	207, 218, 228
Decimal	13624548
CIE Lab	89.00, -6.92, -2.38
CIE LCh	89, 7.323, 198.984
Yxy	74.1641, 0.2985, 0.3290
Android (android.graphics.Color)	4291814628 (0xFFCFE4E4)
YUV	221.7210, 3.0955, -12.9103
Hunter-Lab	86.1186, -11.2041, 2.4640

Details

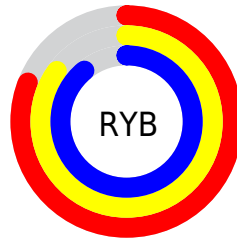
The CIELCh color `89, 7.323, 198.984` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `85, 7.764, 19.903`, and the grayscale version is `88, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `69, 7.302, 198.856` is the 20% darker color. If you saturate the color by 10%, you get `88, 14.838, 198.417`, and if you desaturate by 10%, it is `91, 0.635, 18.479`.

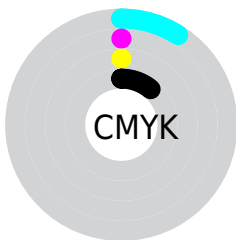
Distribution



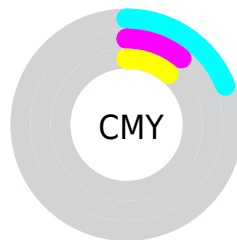
- Red (81%)
- Green (89%)
- Blue (89%)



- 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, 7.323, 198.984 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, 7.323, 198.984 by changing the saturation by 10% instead.

■ 89, 7.323, 198.984

■ 89, 7.323, 198.984

■ 100, 7.323,
198.984

■ 79, 7.323, 198.984

■ 69, 7.323, 198.984

■ 59, 7.323, 198.984

■ 49, 7.323, 198.984

■ 39, 7.323, 198.984

■ 29, 7.323, 198.984

■ 19, 7.323, 198.984

■ 9, 7.323, 198.984

■ 0, 7.323, 198.984

89, 7.323, 198.984

89, 7.323, 198.984

88, 14.838,
198.417

91, 0.635, 18.479

86, 21.777,
197.940

92, 8.923, 19.948

85, 28.009,
197.523

93, 9.921, 20.015

84, 33.410,
197.169

93, 9.921, 19.993

84, 37.876,
196.881

93, 9.921, 19.982


83, 41.343,
196.660

93, 9.921, 19.961

83, 43.794,
196.504

93, 9.921, 19.950

82, 45.281,
196.409

 82, 45.975,
196.364

Harmonies

Complementary

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



89, 7.323, 198.984



85, 7.764, 19.903

Rectangle

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



89, 7.323, 198.984



89, 7.323, 248.984



89, 7.323, 18.984



89, 7.323, 68.984

Sweetspot

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



89, 7.324, 198.970



99, 2.650, 199.474



89, 13.305, 143.488



53, 2.005, 199.377



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, 7.324, 198.970



98, 9.531, 198.859



86, 6.465, 254.839



47, 4.537, 198.955



66, 38.351, 196.361



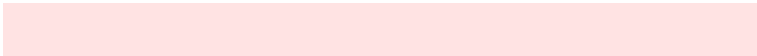
18, 16.093, 196.365

Inverse Universe

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



85, 7.764, 19.903



92, 10.226, 20.050



87, 6.621, 72.424



45, 4.817, 19.922



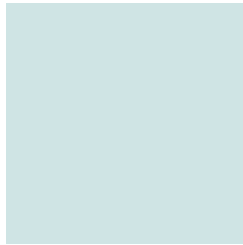
37, 79.977, 39.965



6, 27.104, 21.751

Previews

White Background



This preview shows how the CIELCh color 89, 7.323, 198.984 looks on a white background.

Color Contrast Check

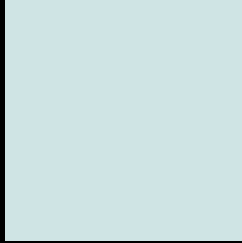
Large Text (above 18pt) WCAG AA × Fail

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, 7.323, 198.984 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

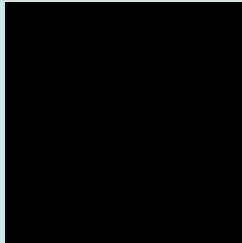
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

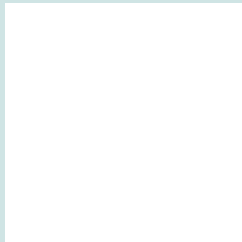
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 7.323, 198.984

Background



This preview shows how black text looks on a background with the CIELCh color 89, 7.323, 198.984.



This preview shows how white text looks on a background with the CIELCh color 89, 7.323, 198.984.

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](#).

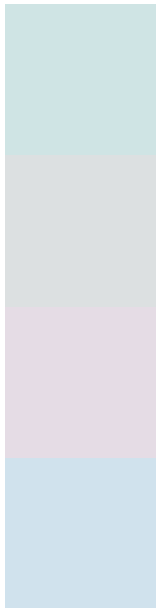
Dichromacy





Tritanopia
89, 10.722, 260.514

Trichromacy



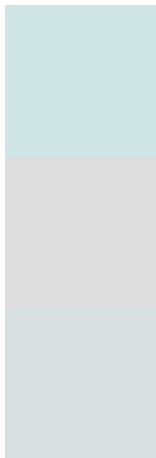
Original Color
89, 7.323, 198.984

Protanomaly
89, 1.509, 219.921

Deuteranomaly
89, 5.720, 324.608

Tritanomaly
89, 8.326, 242.771

Monochromacy



Original Color
89, 7.323, 198.984

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, 7.323, 198.984 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, 228)` looks like.

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

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, 228) colored shadow looks like.

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

Border

The CSS property to change the border of an element to CIELCh 89, 7.323, 198.984 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, 228) }
```

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

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

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, 228)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to CIELCh 89, 7.323, 198.984 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, 228) }
```

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

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

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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