

Converting Colors

CIELCh(89, 1.149, 236.430)

Have a look what the booklet for
CIELCh(89, 1.149, 236.430) contains.

CIELCh(89, 1.184, 225.983)	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, 1.184, 225.983)

Conversions

Conversions Part 1

Format	Color
Hex	DDE0E1
RGB	221, 224, 225
RGB Percent	87%, 88%, 88%
CMY	0.1331, 0.1213, 0.1174
CMYK	0.02, 0.00, 0.00, 0.12
HSL	195°, 6%, 87%
HSV	195°, 2%, 88%
XYZ	70.1071, 74.1641, 81.8969
YIQ	223.2170, -2.1090, -0.3250

Conversions

Conversions Part 2

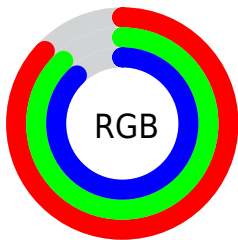
Format	Color
R _Y B	221, 223, 225
Decimal	14541025
CIE Lab	89.00, -0.82, -0.85
CIE LCh	89, 1.184, 225.983
Yxy	74.1641, 0.3100, 0.3279
Android (android.graphics.Color)	4292731105 (0xFFDDE0E1)
YUV	223.2170, 0.8790, -1.9443
Hunter-Lab	86.1186, -5.3950, 3.8995

Details

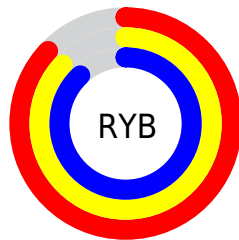
The CIELCh color `89, 1.184, 225.983` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `89, 1.190, 44.743`, and the grayscale version is `89, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `69, 1.245, 225.898` is the 20% darker color. If you saturate the color by 10%, you get `86, 7.656, 226.015`, and if you desaturate by 10%, it is `92, 5.559, 44.869`.

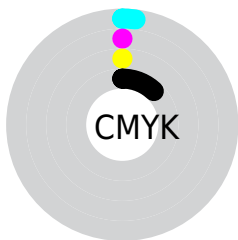
Distribution



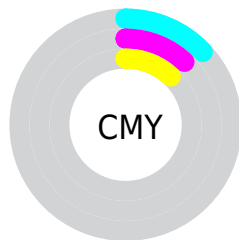
- Red (87%)
- Green (88%)
- Blue (88%)



- Red (87%)
- Yellow (87%)
- Blue (88%)



- Cyan (2%)
- Magenta (0%)
- Yellow (0%)
- Black (12%)



- Cyan (13%)
- Magenta (12%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 1.184, 225.983 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, 1.184, 225.983 by changing the saturation by 10% instead.

■ 89, 1.184, 225.983

■ 89, 1.184, 225.983

■ 100, 1.184,
225.983

■ 79, 1.184, 225.983

■ 69, 1.184, 225.983

■ 59, 1.184, 225.983

■ 49, 1.184, 225.983

■ 39, 1.184, 225.983

■ 29, 1.184, 225.983

■ 19, 1.184, 225.983

■ 9, 1.184, 225.983

■ 0, 1.184, 225.983

89, 1.184, 225.983

89, 1.184, 225.983

86, 7.656, 226.015

92, 5.559, 44.869

83, 13.779,
226.729

94, 8.906, 55.642

96, 9.577, 76.911

80, 19.466,
227.705

97, 11.327, 93.387

77, 24.624,
228.994

99, 13.739,
104.700

75, 29.166,
230.668

99, 15.147,
109.033

73, 33.021,
232.815

70, 36.157,
235.530

68, 38.600,
238.897

■ 66, 40.458,
242.962

Harmonies

Complementary

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



89, 1.184, 225.983



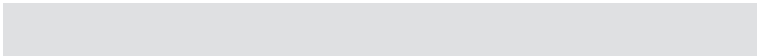
89, 1.190, 44.743

Rectangle

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



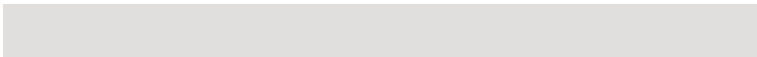
89, 1.184, 225.983



89, 1.184, 275.983



89, 1.184, 45.983



89, 1.184, 95.983

Sweetspot

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



89, 1.184, 225.870



100, 0.740, 226.203



89, 2.149, 151.770



53, 0.421, 226.245



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

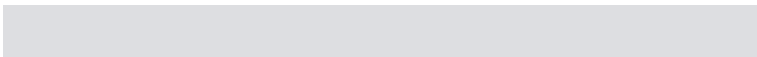
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89, 1.184, 225.870



99, 1.473, 225.824



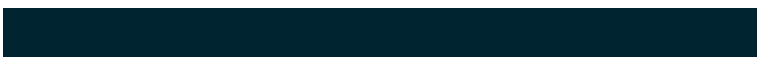
89, 1.579, 276.442



47, 0.754, 225.846



51, 34.567, 245.870



13, 13.721, 237.267

Inverse Universe

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



89, 2.143, 332.255



99, 2.667, 332.289



89, 1.558, 95.749



47, 1.365, 332.271



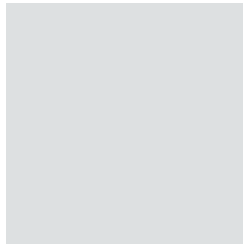
39, 72.353, 341.237



7, 30.366, 338.639

Previews

White Background



This preview shows how the CIELCh color 89, 1.184, 225.983 looks on a white background.

Color Contrast Check

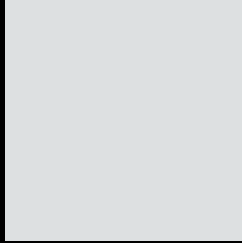
Large Text (above 18pt) WCAG AA × Fail

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, 1.184, 225.983 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

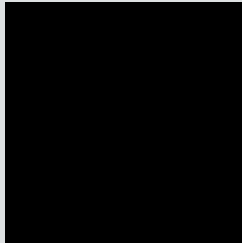
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

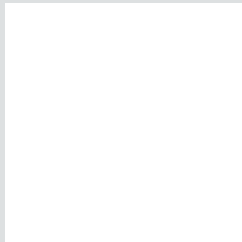
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 1.184, 225.983

Background



This preview shows how black text looks on a background with the CIELCh color 89, 1.184, 225.983.



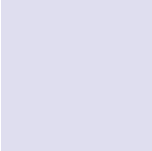
This preview shows how white text looks on a background with the CIELCh color 89, 1.184, 225.983.

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](#).

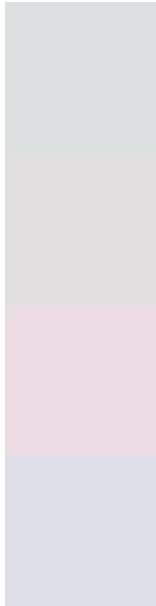
Dichromacy





Tritanopia
89, 8.878, 293.149

Trichromacy



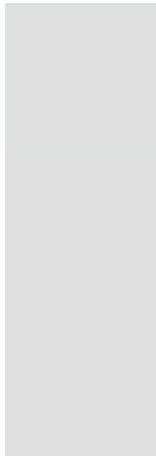
Original Color
89, 1.184, 225.983

Protanomaly
89, 0.897, 343.230

Deuteranomaly
89, 6.842, 347.689

Tritanomaly
89, 5.741, 287.161

Monochromacy



Original Color
89, 1.184, 225.983

Achromatopsia
89, 0.011, 296.813

Achromatomaly
89, 0.635, 256.156

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 1.184, 225.983 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(221, 224, 225)` looks like.

```
.text, #text, p{  
    color:rgb(221, 224, 225)  
}
```

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(221, 224, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 224, 225) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 1.184, 225.983 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(221, 224, 225) }
```

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

```
.border{ border-color:rgb(221, 224, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 224, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 224, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 224, 225);  
box-shadow:4px 4px 4px 4px rgb(221, 224,  
225) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 1.184, 225.983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 224, 225) }
```

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

```
.background{ background-color: rgb(221,  
224, 225) }
```

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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