

Converting Colors

CIELCh(89, 2.004, 225.942)

Have a look what the booklet for
CIELCh(89, 2.004, 225.942) contains.

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Color

CIELCh(89, 2.045, 230.259)

Conversions

Conversions Part 1

Format	Color
Hex	DBE0E2
RGB	219, 224, 226
RGB Percent	86%, 88%, 89%
CMY	0.1396, 0.1200, 0.1121
CMYK	0.03, 0.01, 0.00, 0.11
HSL	197°, 11%, 87%
HSV	197°, 3%, 89%
XYZ	69.8817, 74.1641, 82.8747
YIQ	222.7330, -3.6220, -0.4380

Conversions

Conversions Part 2

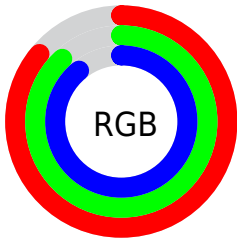
Format	Color
R _Y B	219, 222, 226
Decimal	14409954
CIE Lab	89.00, -1.31, -1.57
CIE LCh	89, 2.045, 230.259
Yxy	74.1641, 0.3080, 0.3268
Android (android.graphics.Color)	4292600034 (0xFFDBE0E2)
YUV	222.7330, 1.6106, -3.2738
Hunter-Lab	86.1186, -5.8622, 3.2263

Details

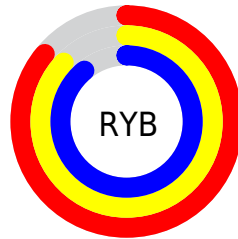
The CIELCh color `89, 2.045, 230.259` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `89, 2.072, 49.270`, and the grayscale version is `89, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `69, 2.149, 230.258` is the 20% darker color. If you saturate the color by 10%, you get `86, 8.465, 230.738`, and if you desaturate by 10%, it is `92, 4.632, 49.214`.

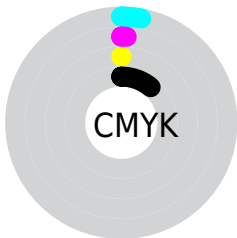
Distribution



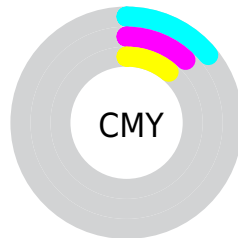
- Red (86%)
- Green (88%)
- Blue (89%)



- Red (86%)
- Yellow (87%)
- Blue (89%)



- Cyan (3%)
- Magenta (1%)
- Yellow (0%)
- Black (11%)



- Cyan (14%)
- Magenta (12%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 2.045, 230.259 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, 2.045, 230.259 by changing the saturation by 10% instead.

■ 89, 2.045, 230.259

■ 89, 2.045, 230.259

■ 100, 2.045,
230.259

■ 79, 2.045, 230.259

■ 69, 2.045, 230.259

■ 59, 2.045, 230.259

■ 49, 2.045, 230.259

■ 39, 2.045, 230.259

■ 29, 2.045, 230.259

■ 19, 2.045, 230.259

■ 9, 2.045, 230.259

■ 0, 2.045, 230.259

89, 2.045, 230.259

89, 2.045, 230.259

86, 8.465, 230.738

92, 4.632, 49.214

83, 14.556,
231.681

95, 8.524, 60.530

80, 20.237,
232.917

97, 9.744, 84.638

77, 25.424,
234.504

98, 12.213,
101.075

74, 30.043,
236.525

99, 14.468,
109.084

71, 34.038,
239.071

69, 37.398,
242.235

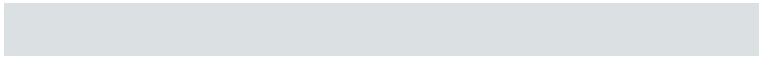
66, 40.175,
246.084

■ 64, 42.502,
250.626

Harmonies

Complementary

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



89, 2.045, 230.259



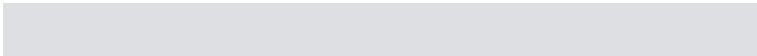
89, 2.072, 49.270

Rectangle

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



89, 2.045, 230.259



89, 2.045, 280.259



89, 2.045, 50.259



89, 2.045, 100.259

Sweetspot

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



89, 2.045, 230.194



100, 0.734, 230.623



89, 3.633, 153.516



53, 0.418, 230.663



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

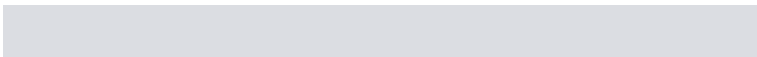
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89, 2.045, 230.194



99, 2.906, 230.193



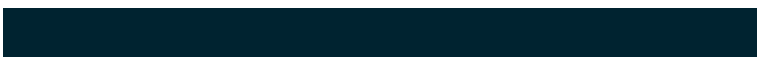
88, 2.912, 279.803



46, 1.857, 230.209



49, 36.192, 253.108



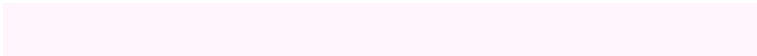
12, 14.050, 243.729

Inverse Universe

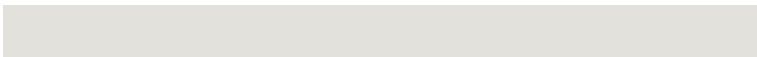
The Inverse Universe completely reimagines the original color for something new.



88, 3.648, 333.801



97, 5.198, 333.886



89, 2.885, 98.969



46, 3.327, 333.944



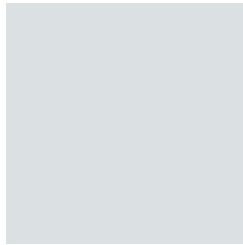
39, 70.602, 343.734



7, 29.660, 340.581

Previews

White Background



This preview shows how the CIELCh color 89, 2.045, 230.259 looks on a white background.

Color Contrast Check

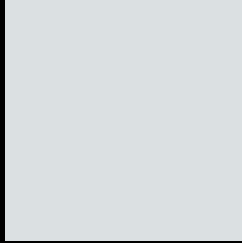
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 89, 2.045, 230.259 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

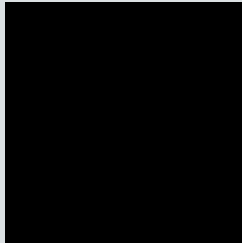
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

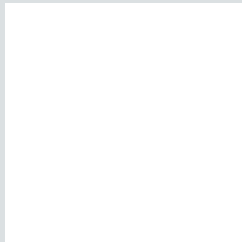
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 2.045, 230.259

Background



This preview shows how black text looks on a background with the CIELCh color 89, 2.045, 230.259.

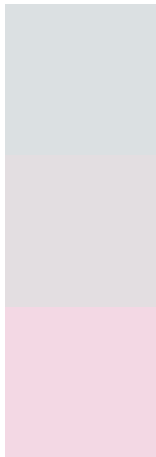


This preview shows how white text looks on a background with the CIELCh color 89, 2.045, 230.259.

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

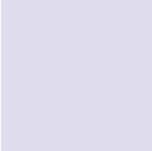
89, 2.045, 230.259

Protanopia

89, 2.396, 338.626

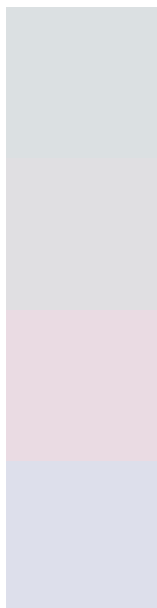
Deuteranopia

89, 11.594, 347.708



Tritanopia
89, 9.387, 290.951

Trichromacy



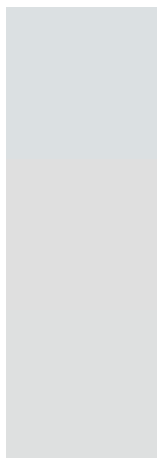
Original Color
89, 2.045, 230.259

Protanomaly
89, 1.616, 303.078

Deuteranomaly
89, 6.841, 342.348

Tritanomaly
89, 6.284, 284.320

Monochromacy



Original Color
89, 2.045, 230.259

Achromatopsia
89, 0.011, 296.813

Achromatomaly
89, 0.712, 200.199

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 2.045, 230.259 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(219, 224, 226)` looks like.

```
.text, #text, p{  
    color:rgb(219, 224, 226)  
}
```

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(219, 224, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 224, 226) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 2.045, 230.259 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(219, 224, 226) }
```

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

```
.border{ border-color:rgb(219, 224, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 224, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 224, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 224, 226);  
box-shadow:4px 4px 4px 4px rgb(219, 224,  
226) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 2.045, 230.259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 224, 226) }
```

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

```
.background{ background-color: rgb(219,  
224, 226) }
```

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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