

Converting Colors

CIELCh(89, 6.266, 116.326)

Have a look what the booklet for
CIELCh(89, 6.266, 116.326) contains.

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Color

CIELCh(89, 6.271, 116.324)

Conversions

Conversions Part 1

Format	Color
Hex	DFE1D5
RGB	223, 225, 213
RGB Percent	87%, 88%, 84%
CMY	0.1264, 0.1186, 0.1656
CMYK	0.01, 0.00, 0.05, 0.12
HSL	70°, 17%, 86%
HSV	70°, 5%, 88%
XYZ	69.1994, 74.1641, 73.4617
YIQ	223.0340, 2.6600, -4.1560

Conversions

Conversions Part 2

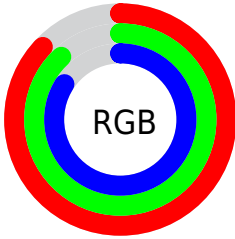
Format	Color
R _Y B	213, 225, 215
Decimal	14672341
CIE Lab	89.00, -2.78, 5.62
CIE LCh	89, 6.271, 116.324
Yxy	74.1641, 0.3191, 0.3420
Android (android.graphics.Color)	4292862421 (0xFFDFE1D5)
YUV	223.0340, -4.9468, -0.0298
Hunter-Lab	86.1186, -7.2764, 9.7069

Details

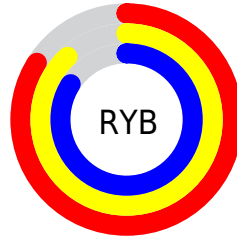
The CIELCh color **89, 6.271, 116.324** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **86, 6.362, 297.111**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **69, 6.609, 116.209** is the 20% darker color. If you saturate the color by 10%, you get **88, 18.004, 115.608**, and if you desaturate by 10%, it is **90, 5.497, 297.044**.

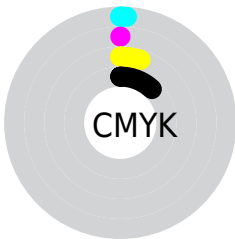
Distribution



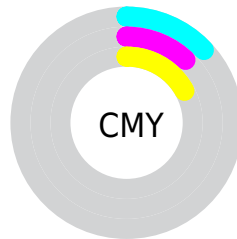
- Red (87%)
- Green (88%)
- Blue (84%)



- Red (84%)
- Yellow (88%)
- Blue (84%)



- Cyan (1%)
- Magenta (0%)
- Yellow (5%)
- Black (12%)



- Cyan (13%)
- Magenta (12%)
- Yellow (17%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 6.271, 116.324 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, 6.271, 116.324 by changing the saturation by 10% instead.

 89, 6.271, 116.324

 89, 6.271, 116.324

 100, 6.271,
116.324

 79, 6.271, 116.324

 69, 6.271, 116.324

 59, 6.271, 116.324


 49, 6.271, 116.324

 39, 6.271, 116.324

 29, 6.271, 116.324

 19, 6.271, 116.324

 9, 6.271, 116.324

 0, 6.271, 116.324

89, 6.271, 116.324

89, 6.271, 116.324

88, 18.004,
115.608

90, 5.497, 297.044

88, 29.622,
114.873

91, 15.855,
298.198

87, 41.018,
114.151

91, 16.068,
302.744

86, 52.027,
113.471

91, 16.378,
307.178

86, 62.395,
112.873

92, 16.781,
311.454

85, 71.754,
112.418

92, 17.272,
315.539

85, 79.607,
112.181

92, 17.845,
319.407

85, 85.403,
112.249

92, 18.494,
323.046

■ 84, 88.785,
112.689

■ 93, 18.910,
325.081

Harmonies

Complementary

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



89, 6.271, 116.324



86, 6.362, 297.111

Rectangle

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



89, 6.271, 116.324



89, 6.271, 166.324



89, 6.271, 296.324



89, 6.271, 346.324

Sweetspot

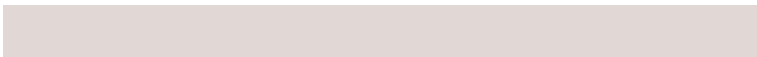
The Sweet Spot groups the original color and five complimentary colors.



89, 6.273, 116.336



100, 2.596, 116.574



87, 3.787, 35.501



53, 1.476, 116.581



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, 6.273, 116.336



99, 7.810, 116.285



89, 6.903, 134.474



47, 4.664, 116.244



67, 74.732, 112.829



18, 28.273, 113.075

Inverse Universe

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



86, 6.362, 297.111



95, 7.928, 297.165



86, 6.952, 314.863



45, 4.739, 297.209



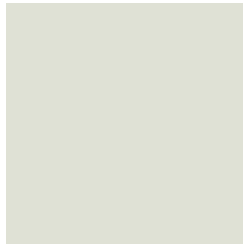
22, 100.132, 307.023



2, 31.933, 299.859

Previews

White Background



This preview shows how the CIELCh color 89, 6.271, 116.324 looks on a white background.

Color Contrast Check

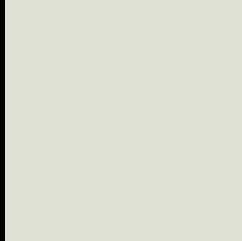
Large Text (above 18pt) WCAG AA × Fail

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, 6.271, 116.324 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

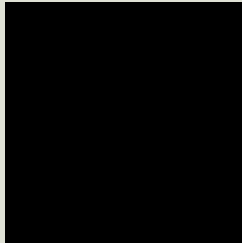
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

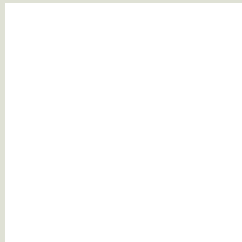
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 6.271, 116.324

Background



This preview shows how black text looks on a background with the CIELCh color 89, 6.271, 116.324.

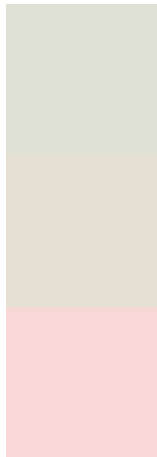


This preview shows how white text looks on a background with the CIELCh color 89, 6.271, 116.324.

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, 6.271, 116.324

Protanopia

89, 6.240, 85.384

Deuteranopia

89, 11.849, 22.712



Tritanopia
89, 9.143, 304.152

Trichromacy



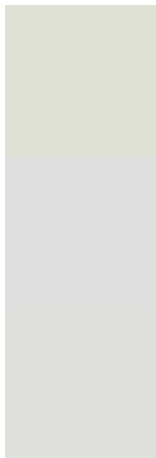
Original Color
89, 6.271, 116.324

Protanomaly
89, 6.309, 99.629

Deuteranomaly
89, 7.803, 39.206

Tritanomaly
89, 3.822, 306.652

Monochromacy



Original Color
89, 6.271, 116.324

Achromatopsia
89, 0.011, 296.813

Achromatomaly
89, 2.618, 117.849

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 6.271, 116.324 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(223, 225, 213)` looks like.

```
.text, #text, p{  
    color:rgb(223, 225, 213)  
}
```

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(223, 225, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 225, 213) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 6.271, 116.324 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(223, 225, 213) }
```

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

```
.border{ border-color:rgb(223, 225, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 225, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 225, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 225, 213);  
box-shadow:4px 4px 4px 4px rgb(223, 225,  
213) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 6.271, 116.324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 225, 213) }
```

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

```
.background{ background-color: rgb(223,  
225, 213) }
```

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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