

Converting Colors

CIE LCh(85, 1.112, 158.060)

Have a look what the booklet for
CIELCh(85, 1.112, 158.060) contains.

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Color

CIELCh(85, 1.274, 144.602)

Conversions

Conversions Part 1

Format	Color
Hex	D3D5D3
RGB	211, 213, 211
RGB Percent	83%, 84%, 83%
CMY	0.1733, 0.1654, 0.1733
CMYK	0.01, 0.00, 0.01, 0.17
HSL	120°, 2%, 83%
HSV	120°, 1%, 83%
XYZ	62.2898, 66.0070, 70.9606
YIQ	212.1740, -0.5500, -1.0460

Conversions

Conversions Part 2

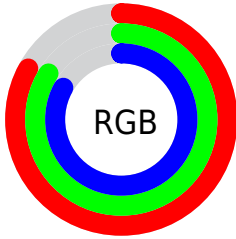
Format	Color
R _Y B	211, 213, 213
Decimal	13882835
CIE Lab	85.00, -1.04, 0.74
CIE LCh	85, 1.274, 144.602
Yxy	66.0070, 0.3126, 0.3313
Android (android.graphics.Color)	4292072915 (0xFFD3D5D3)
YUV	212.1740, -0.5788, -1.0296
Hunter-Lab	81.2447, -5.3234, 5.0864

Details

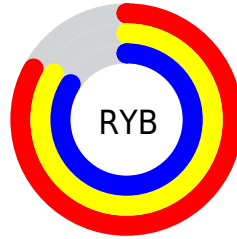
The CIELCh color $85, 1.274, 144.602$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $85, 1.294, 324.286$, and the grayscale version is $85, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $65, 0.671, 144.731$ is the 20% darker color. If you saturate the color by 10%, you get $83, 15.041, 143.809$, and if you desaturate by 10%, it is $87, 12.250, 324.876$.

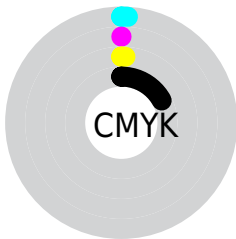
Distribution



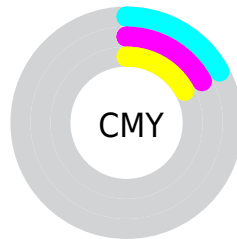
- Red (83%)
- Green (84%)
- Blue (83%)



- Red (83%)
- Yellow (84%)
- Blue (84%)



- Cyan (1%)
- Magenta (0%)
- Yellow (1%)
- Black (17%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 1.274, 144.602 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 85, 1.274, 144.602 by changing the saturation by 10% instead.

■ 85, 1.274, 144.602

■ 85, 1.274, 144.602

100, 1.274,
144.602

■ 75, 1.274, 144.602

■ 65, 1.274, 144.602

■ 55, 1.274, 144.602

■ 45, 1.274, 144.602

■ 35, 1.274, 144.602

■ 25, 1.274, 144.602

■ 15, 1.274, 144.602

■ 5, 1.274, 144.602

■ 0, 1.274, 144.602

85, 1.274, 144.602

85, 1.274, 144.602

83, 15.041,
143.809

87, 12.250,
324.876

81, 28.901,
143.093

90, 25.442,
325.316

80, 42.652,
142.263

90, 26.436,
325.345

78, 56.021,
141.311

77, 68.655,
140.248

76, 80.119,
139.116

75, 89.894,
137.998

75, 97.419,
137.027

■ 75, 102.239,
136.350

Harmonies

Complementary

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



85, 1.274, 144.602



85, 1.294, 324.286

Rectangle

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



85, 1.274, 144.602



85, 1.274, 194.602



85, 1.274, 324.602



85, 1.274, 14.602

Sweetspot

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



85, 1.276, 144.603

100, 0.012, 296.813



85, 1.041, 110.024



53, 0.007, 296.813



0, 0.000, 0.000

Same Dimension

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



85, 1.276, 144.603



100, 1.571, 144.585



85, 0.893, 164.050



45, 0.774, 144.603



61, 88.724, 136.016



14, 32.163, 141.115

Inverse Universe

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



85, 1.294, 324.286



99, 1.592, 324.304



85, 0.908, 343.260



45, 0.784, 324.287



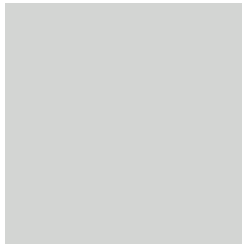
41, 85.602, 328.235



6, 32.950, 328.044

Previews

White Background



This preview shows how the CIELCh color 85, 1.274, 144.602 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 85, 1.274, 144.602 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

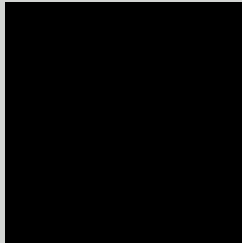
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

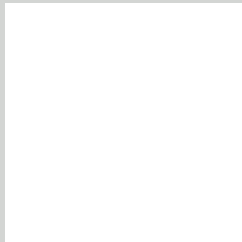
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 1.274, 144.602

Background



This preview shows how black text looks on a background with the CIELCh color 85, 1.274, 144.602.



This preview shows how white text looks on a background with the CIELCh color 85, 1.274, 144.602.

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

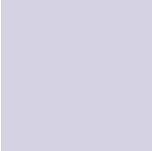
85, 1.274, 144.602

Protanopia

85, 1.887, 35.362

Deuteranopia

85, 10.588, 359.928



Tritanopia
85, 9.035, 297.636

Trichromacy



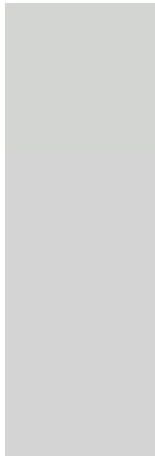
Original Color
85, 1.274, 144.602

Protanomaly
85, 1.262, 74.889

Deuteranomaly
85, 6.226, 0.104

Tritanomaly
85, 5.286, 294.488

Monochromacy



Original Color
85, 1.274, 144.602

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 0.010, 296.813

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 1.274, 144.602 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(211, 213, 211)` looks like.

```
.text, #text, p{  
    color:rgb(211, 213, 211)  
}
```

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(211, 213, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 213, 211) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 1.274, 144.602 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(211, 213, 211) }
```

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

```
.border{ border-color:rgb(211, 213, 211) }
```

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

Here you see how a box with a 4 pixel rgb(211, 213, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 213, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 213, 211);  
box-shadow:4px 4px 4px 4px rgb(211, 213,  
211) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 1.274, 144.602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 213, 211) }
```

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

```
.background{ background-color: rgb(211,  
213, 211) }
```

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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