

Converting Colors

CIELCh(84, 2.462, 154.639)

Have a look what the booklet for
CIELCh(84, 2.462, 154.639) contains.

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Color

CIELCh(84, 2.789, 150.497)

Conversions

Conversions Part 1

Format	Color
Hex	CED3CF
RGB	206, 211, 207
RGB Percent	81%, 83%, 81%
CMY	0.1930, 0.1734, 0.1891
CMYK	0.02, 0.00, 0.02, 0.17
HSL	132°, 5%, 82%
HSV	132°, 2%, 83%
XYZ	59.8696, 64.0658, 68.1029
YIQ	209.0490, -1.6960, -2.3040

Conversions

Conversions Part 2

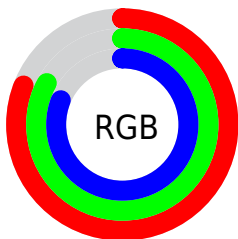
Format	Color
R _Y B	206, 210, 211
Decimal	13554639
CIE Lab	84.00, -2.43, 1.37
CIE LCh	84, 2.789, 150.497
Yxy	64.0658, 0.3118, 0.3336
Android (android.graphics.Color)	4291744719 (0xFFCED3CF)
YUV	209.0490, -1.0102, -2.6740
Hunter-Lab	80.0411, -6.5564, 5.5819

Details

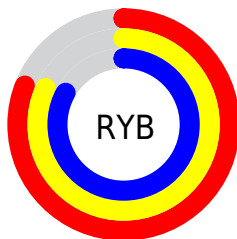
The CIELCh color `84, 2.789, 150.497` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `83, 2.809, 330.556`, and the grayscale version is `84, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `64, 2.950, 150.422` is the 20% darker color. If you saturate the color by 10%, you get `82, 14.678, 149.724`, and if you desaturate by 10%, it is `86, 8.921, 330.926`.

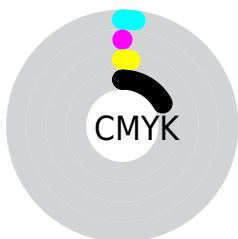
Distribution



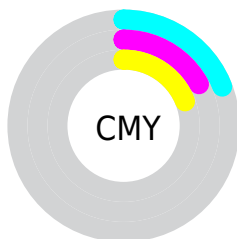
- Red (81%)
- Green (83%)
- Blue (81%)



- Red (81%)
- Yellow (82%)
- Blue (83%)



- Cyan (2%)
- Magenta (0%)
- Yellow (2%)
- Black (17%)



- Cyan (19%)
- Magenta (17%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 2.789, 150.497 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 84, 2.789, 150.497 by changing the saturation by 10% instead.

■ 84, 2.789, 150.497

■ 84, 2.789, 150.497

■ 100, 2.789,
150.497

■ 74, 2.789, 150.497

■ 64, 2.789, 150.497

■ 54, 2.789, 150.497

■ 44, 2.789, 150.497

■ 34, 2.789, 150.497

■ 24, 2.789, 150.497

■ 14, 2.789, 150.497

■ 4, 2.789, 150.497

■ 0, 2.789, 150.497

84, 2.789, 150.497

84, 2.789, 150.497

82, 14.678,
149.724

86, 8.921, 330.926

80, 26.618,
148.930

88, 20.376,
331.455

79, 38.451,
148.016

89, 27.712,
325.390


78, 49.976,
146.960

76, 60.956,
145.745

76, 71.129,
144.367

75, 80.229,
142.841

74, 88.002,
141.210

 74, 94.234,
139.560

Harmonies

Complementary

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



84, 2.789, 150.497



83, 2.809, 330.556

Rectangle

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



84, 2.789, 150.497



84, 2.789, 200.497



84, 2.789, 330.497



84, 2.789, 20.497

Sweetspot

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



84, 2.791, 150.493



100, 1.365, 150.734



84, 2.646, 117.189



53, 0.776, 150.751



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



84, 2.791, 150.493



99, 4.122, 150.426



84, 1.995, 174.847



44, 2.657, 150.362



60, 82.300, 138.679



13, 27.566, 145.555

Inverse Universe

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



83, 2.809, 330.556



98, 4.143, 330.622



83, 2.018, 354.789



43, 2.669, 330.684



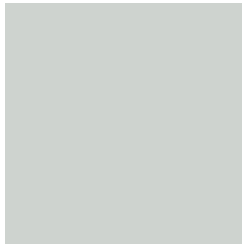
38, 72.576, 338.066



5, 26.660, 335.650

Previews

White Background



This preview shows how the CIELCh color 84, 2.789, 150.497 looks on a white background.

Color Contrast Check

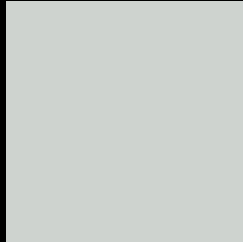
Large Text (above 18pt) WCAG AA × Fail

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 84, 2.789, 150.497 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

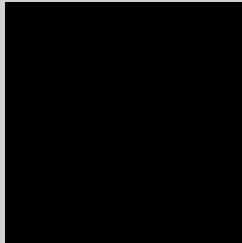
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

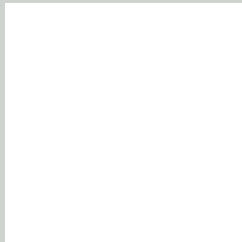
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 2.789, 150.497

Background



This preview shows how black text looks on a background with the CIELCh color 84, 2.789, 150.497.



This preview shows how white text looks on a background with the CIELCh color 84, 2.789, 150.497.

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
84, 8.987, 293.189

Trichromacy



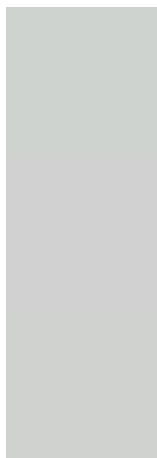
Original Color
84, 2.789, 150.497

Protanomaly
84, 1.724, 84.949

Deuteranomaly
84, 5.612, 8.947

Tritanomaly
84, 4.760, 286.317

Monochromacy



Original Color
84, 2.789, 150.497

Achromatopsia
84, 0.010, 296.813

Achromatomaly
84, 1.277, 144.599

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 2.789, 150.497 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(206, 211, 207)` looks like.

```
.text, #text, p{  
    color:rgb(206, 211, 207)  
}
```

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(206, 211, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 211, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 2.789, 150.497 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(206, 211, 207) }
```

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

```
.border{ border-color:rgb(206, 211, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 211, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 211, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 211, 207);  
box-shadow:4px 4px 4px 4px rgb(206, 211,  
207) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 2.789, 150.497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 211, 207) }
```

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

```
.background{ background-color: rgb(206,  
211, 207) }
```

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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