

Converting Colors

CIELCh(84, 6.274, 184.488)

Have a look what the booklet for
CIELCh(84, 6.274, 184.488) contains.

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Color

CIELCh(84, 6.289, 184.455)

Conversions

Conversions Part 1

Format	Color
Hex	C4D5D2
RGB	196, 213, 210
RGB Percent	77%, 84%, 82%
CMY	0.2309, 0.1642, 0.1760
CMYK	0.08, 0.00, 0.01, 0.16
HSL	169°, 17%, 80%
HSV	169°, 8%, 84%
XYZ	58.2738, 64.0658, 70.3513
YIQ	207.5750, -9.1690, -4.5370

Conversions

Conversions Part 2

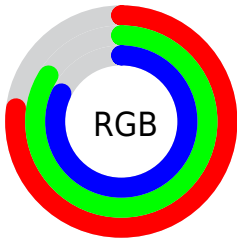
Format	Color
RYB	196, 205, 213
Decimal	12899794
CIELab	84.00, -6.27, -0.49
CIELCh	84, 6.289, 184.455
Yxy	64.0658, 0.3024, 0.3325
Android (android.graphics.Color)	4291089874 (0xFFC4D5D2)
YUV	207.5750, 1.1955, -10.1513
Hunter-Lab	80.0411, -10.1154, 3.9164

Details

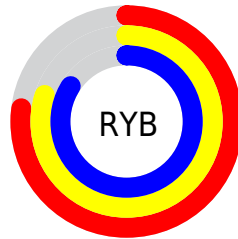
The CIELCh color `84, 6.289, 184.455` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `81, 6.507, 5.694`, and the grayscale version is `83, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.695, 200.315`, and `64, 6.120, 188.399` is the 20% darker color. If you saturate the color by 10%, you get `82, 13.949, 183.497`, and if you desaturate by 10%, it is `86, 1.618, 4.884`.

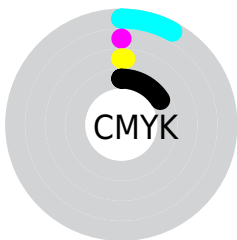
Distribution



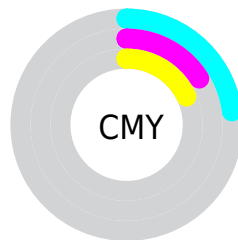
- Red (77%)
- Green (84%)
- Blue (82%)



- Red (77%)
- Yellow (80%)
- Blue (84%)



- Cyan (8%)
- Magenta (0%)
- Yellow (1%)
- Black (16%)



- Cyan (23%)
- Magenta (16%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 6.289, 184.455 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, 6.289, 184.455 by changing the saturation by 10% instead.

■ 84, 6.289, 184.455

■ 84, 6.289, 184.455

■ 100, 6.289,
184.455

■ 74, 6.289, 184.455

■ 64, 6.289, 184.455

■ 54, 6.289, 184.455

■ 44, 6.289, 184.455

■ 34, 6.289, 184.455

■ 24, 6.289, 184.455

■ 14, 6.289, 184.455

■ 4, 6.289, 184.455

■ 0, 6.289, 184.455

84, 6.289, 184.455

84, 6.289, 184.455

82, 13.949,
183.497

86, 1.618, 4.884

81, 21.240,
182.541

87, 9.673, 5.996

80, 28.031,
181.539

89, 15.955, 5.008

79, 34.189,
180.471

89, 16.500,
358.430

78, 39.591,
179.319

89, 17.257,
352.363

78, 44.137,
178.059

89, 18.198,
346.880

77, 47.776,
176.671

89, 19.297,
341.996

77, 50.515,
175.131

89, 20.528,
337.686

90, 21.867,

■ 77, 52.471,
173.442

333.903

Harmonies

Complementary

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



84, 6.289, 184.455



81, 6.507, 5.694

Rectangle

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



84, 6.289, 184.455



84, 6.289, 234.455



84, 6.289, 4.455



84, 6.289, 54.455

Sweetspot

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



84, 6.291, 184.442



100, 1.834, 185.212



84, 10.337, 138.958



53, 1.043, 185.239



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, 6.291, 184.442



98, 9.093, 184.237



83, 4.960, 234.374



44, 4.484, 184.302



62, 44.653, 173.387



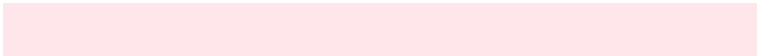
15, 16.830, 176.962

Inverse Universe

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



81, 6.507, 5.694



93, 9.489, 5.921



82, 5.164, 52.951



42, 4.666, 5.848



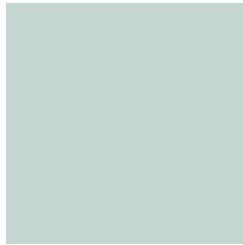
35, 69.691, 30.820



5, 22.024, 11.901

Previews

White Background



This preview shows how the CIELCh color 84, 6.289, 184.455 looks on a white background.

Color Contrast Check

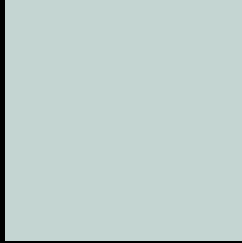
Large Text (above 18pt) WCAG AA × Fail

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, 6.289, 184.455 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

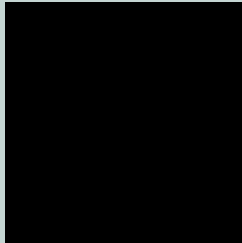
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

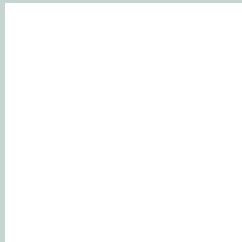
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 6.289, 184.455

Background



This preview shows how black text looks on a background with the CIELCh color 84, 6.289, 184.455.

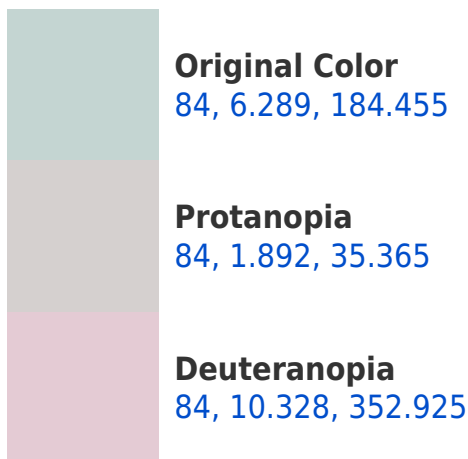


This preview shows how white text looks on a background with the CIELCh color 84, 6.289, 184.455.

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](#).

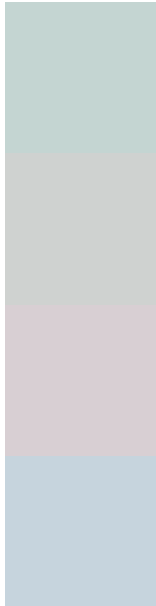
Dichromacy





Tritanopia
84, 9.314, 264.469

Trichromacy



Original Color
84, 6.289, 184.455

Protanomaly
84, 1.516, 155.806

Deuteranomaly
84, 3.914, 346.999

Tritanomaly
84, 6.741, 244.057

Monochromacy



Original Color
84, 6.289, 184.455

Achromatopsia
83, 0.010, 296.813

Achromatomaly
84, 2.230, 185.823

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 6.289, 184.455 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(196, 213, 210)` looks like.

```
.text, #text, p{  
    color:rgb(196, 213, 210)  
}
```

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(196, 213, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 213, 210) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 6.289, 184.455 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(196, 213, 210) }
```

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

```
.border{ border-color:rgb(196, 213, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 213, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 213, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 213, 210);  
box-shadow:4px 4px 4px 4px rgb(196, 213,  
210) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 6.289, 184.455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 213, 210) }
```

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

```
.background{ background-color: rgb(196,  
213, 210) }
```

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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