

Converting Colors

CIELCh(82, 2.687, 152.308)

Have a look what the booklet for
CIELCh(82, 2.687, 152.308) contains.

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Color

CIELCh(82, 2.804, 150.490)

Conversions

Conversions Part 1

Format	Color
Hex	C8CDC9
RGB	200, 205, 201
RGB Percent	78%, 80%, 79%
CMY	0.2149, 0.1952, 0.2109
CMYK	0.02, 0.00, 0.02, 0.20
HSL	132°, 5%, 79%
HSV	132°, 2%, 80%
XYZ	56.3241, 60.2982, 64.0576
YIQ	203.0490, -1.6960, -2.3040

Conversions

Conversions Part 2

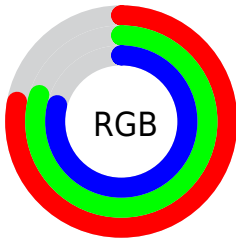
Format	Color
RYB	200, 204, 205
Decimal	13159881
CIELab	82.00, -2.44, 1.38
CIELCh	82, 2.804, 150.490
Yxy	60.2982, 0.3117, 0.3337
Android (android.graphics.Color)	4291349961 (0xFFC8CDC9)
YUV	203.0490, -1.0102, -2.6740
Hunter-Lab	77.6519, -6.4175, 5.4461

Details

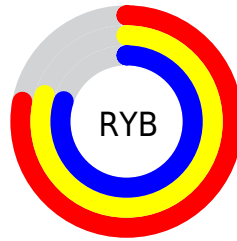
The CIELCh color $82, 2.804, 150.490$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $81, 2.824, 330.563$, and the grayscale version is $82, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $62, 2.971, 150.412$ is the 20% darker color. If you saturate the color by 10%, you get $80, 14.437, 149.720$, and if you desaturate by 10%, it is $84, 8.656, 330.921$.

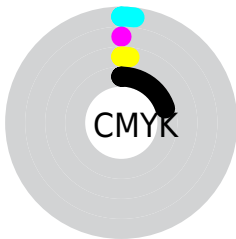
Distribution



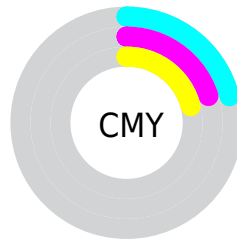
- Red (78%)
- Green (80%)
- Blue (79%)



- Red (78%)
- Yellow (80%)
- Blue (80%)



- Cyan (2%)
- Magenta (0%)
- Yellow (2%)
- Black (20%)



- Cyan (21%)
- Magenta (20%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 2.804, 150.490 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 82, 2.804, 150.490 by changing the saturation by 10% instead.

■ 82, 2.804, 150.490

■ 82, 2.804, 150.490

■ 100, 2.804,
150.490

■ 72, 2.804, 150.490

■ 62, 2.804, 150.490

■ 52, 2.804, 150.490

■ 42, 2.804, 150.490

■ 32, 2.804, 150.490

■ 22, 2.804, 150.490

■ 12, 2.804, 150.490

■ 2, 2.804, 150.490

■ 0, 2.804, 150.490

82, 2.804, 150.490

82, 2.804, 150.490

80, 14.437,
149.720

84, 8.656, 330.921

78, 26.120,
148.928

86, 19.866,
331.450

77, 37.698,
148.015

88, 29.345,
328.128

76, 48.975,
146.960


88, 31.219,
325.511

75, 59.720,
145.748

74, 69.677,
144.373

73, 78.586,
142.850

73, 86.201,
141.222

 72, 92.313,
139.575

Harmonies

Complementary

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



82, 2.804, 150.490



81, 2.824, 330.563

Rectangle

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



82, 2.804, 150.490



82, 2.804, 200.490



82, 2.804, 330.490



82, 2.804, 20.490

Sweetspot

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



82, 2.806, 150.486



100, 1.365, 150.734



82, 2.660, 117.185



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.



82, 2.806, 150.486



99, 4.122, 150.426



82, 2.005, 174.835



43, 2.604, 150.363



59, 81.339, 138.699



12, 25.965, 146.486

Inverse Universe

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



81, 2.824, 330.563



98, 4.143, 330.621



81, 2.028, 354.800



42, 2.615, 330.683



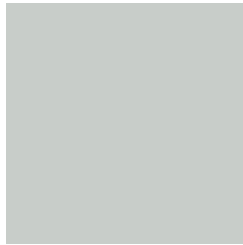
37, 71.775, 338.051



5, 24.660, 335.373

Previews

White Background



This preview shows how the CIELCh color 82, 2.804, 150.490 looks on a white background.

Color Contrast Check

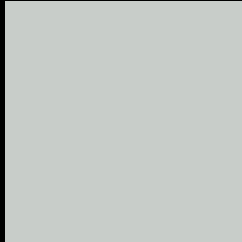
Large Text (above 18pt) WCAG AA × Fail

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 82, 2.804, 150.490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

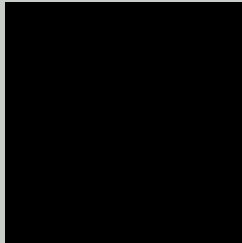
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

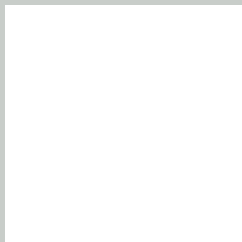
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 2.804, 150.490

Background



This preview shows how black text looks on a background with the CIELCh color 82, 2.804, 150.490.



This preview shows how white text looks on a background with the CIELCh color 82, 2.804, 150.490.

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

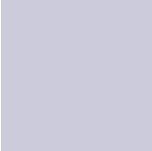
82, 2.804, 150.490

Protanopia

82, 2.413, 60.292

Deuteranopia

82, 10.511, 2.687



Tritanopia
82, 8.486, 290.926

Trichromacy



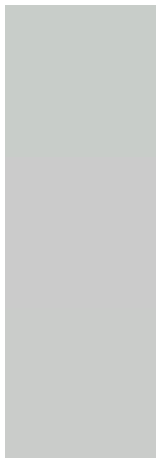
Original Color
82, 2.804, 150.490

Protanomaly
82, 2.134, 100.056

Deuteranomaly
82, 5.644, 8.966

Tritanomaly
82, 4.815, 282.093

Monochromacy



Original Color
82, 2.804, 150.490

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 1.285, 144.592

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 2.804, 150.490 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(200, 205, 201)` looks like.

```
.text, #text, p{  
    color:rgb(200, 205, 201)  
}
```

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(200, 205, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 205, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 2.804, 150.490 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(200, 205, 201) }
```

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

```
.border{ border-color:rgb(200, 205, 201) }
```

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

Here you see how a box with a 4 pixel rgb(200, 205, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 205, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 205, 201);  
box-shadow:4px 4px 4px 4px rgb(200, 205,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 2.804, 150.490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 205, 201) }
```

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

```
.background{ background-color: rgb(200,  
205, 201) }
```

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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