

Converting Colors

CIELCh(82, 6.628, 170.357)

Have a look what the booklet for
CIELCh(82, 6.628, 170.357) contains.

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Color

CIELCh(82, 6.628, 170.357)

Conversions

Conversions Part 1

Format	Color
Hex	C0D0CA
RGB	192, 208, 202
RGB Percent	75%, 82%, 79%
CMY	0.2487, 0.1860, 0.2095
CMYK	0.08, 0.00, 0.03, 0.19
HSL	157°, 14%, 78%
HSV	157°, 8%, 81%
XYZ	54.6929, 60.2982, 64.3687
YIQ	202.5320, -7.6100, -5.2580

Conversions

Conversions Part 2

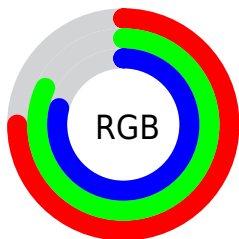
Format	Color
RYB	192, 202, 208
Decimal	12636362
CIELab	82.00, -6.53, 1.11
CIELCh	82, 6.628, 170.357
Yxy	60.2982, 0.3049, 0.3362
Android (android.graphics.Color)	4290826442 (0xFFC0D0CA)
YUV	202.5320, -0.2623, -9.2366
Hunter-Lab	77.6519, -10.1672, 5.2085

Details

The CIELCh color **82, 6.628, 170.357** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **79, 6.747, 351.605**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 2.426, 199.524**, and **62, 7.003, 170.110** is the 20% darker color. If you saturate the color by 10%, you get **80, 15.159, 169.348**, and if you desaturate by 10%, it is **84, 1.984, 350.933**.

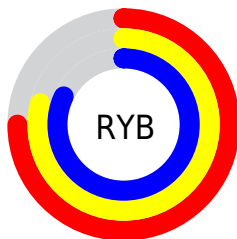
Distribution



Red (75%)

Green (82%)

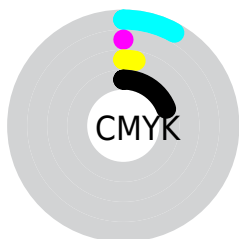
Blue (79%)



Red (75%)

Yellow (79%)

Blue (82%)

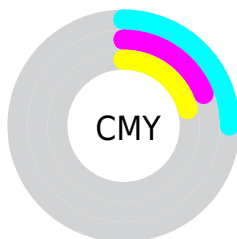


Cyan (8%)

Magenta (0%)

Yellow (3%)

Black (19%)



Cyan (25%)

Magenta (19%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 6.628, 170.357 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, 6.628, 170.357 by changing the saturation by 10% instead.

■ 82, 6.628, 170.357

■ 82, 6.628, 170.357

■ 100, 6.628,
170.357

■ 72, 6.628, 170.357

■ 62, 6.628, 170.357

■ 52, 6.628, 170.357

■ 42, 6.628, 170.357

■ 32, 6.628, 170.357

■ 22, 6.628, 170.357

■ 12, 6.628, 170.357

■ 2, 6.628, 170.357

■ 0, 6.628, 170.357

82, 6.628, 170.357

82, 6.628, 170.357

80, 15.159,
169.348

84, 1.984, 350.933

79, 23.491,
168.285

86, 10.588,
351.948

78, 31.493,
167.121

88, 19.113,
352.741

77, 39.023,
165.830

88, 21.502,
343.632

76, 45.938,
164.385

88, 24.055,
335.822


75, 52.115,
162.763

88, 26.989,
329.679

75, 57.471,
160.941

89, 29.734,
325.460

74, 61.986,
158.909

 74, 65.747,
156.693

Harmonies

Complementary

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



82, 6.628, 170.357



79, 6.747, 351.605

Rectangle

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



82, 6.628, 170.357



82, 6.628, 220.357



82, 6.628, 350.357



82, 6.628, 40.357

Sweetspot

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



82, 6.630, 170.349



100, 2.031, 171.058



82, 9.228, 132.733



53, 1.154, 171.081



0, 0.000, 0.000



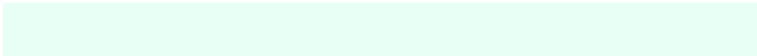
53, 0.007, 296.813

Same Dimension

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



82, 6.630, 170.349



98, 9.146, 170.208



82, 5.112, 210.335



43, 4.908, 170.178



61, 56.576, 156.559



13, 19.796, 161.829

Inverse Universe

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



79, 6.747, 351.605



94, 9.333, 351.750



79, 5.370, 30.343



41, 5.011, 351.782



35, 62.397, 13.663



5, 20.845, 1.547

Previews

White Background



This preview shows how the CIELCh color 82, 6.628, 170.357 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 CIELCh color 82, 6.628, 170.357 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

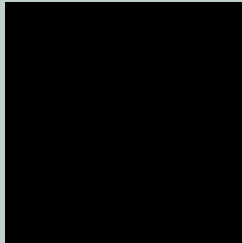
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

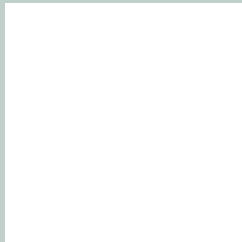
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 6.628, 170.357

Background



This preview shows how black text looks on a background with the CIELCh color 82, 6.628, 170.357.



This preview shows how white text looks on a background with the CIELCh color 82, 6.628, 170.357.

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, 6.628, 170.357

Protanopia

82, 2.787, 68.537

Deuteranopia

82, 10.317, 359.211



Tritanopia
82, 9.093, 268.435

Trichromacy



Original Color
82, 6.628, 170.357

Protanomaly
82, 2.866, 132.438

Deuteranomaly
82, 4.189, 4.984

Tritanomaly
82, 5.927, 245.012

Monochromacy



Original Color
82, 6.628, 170.357

Achromatopsia
81, 0.010, 296.813

Achromatomaly
82, 2.431, 173.622

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 6.628, 170.357 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(192, 208, 202)` looks like.

```
.text, #text, p{  
    color:rgb(192, 208, 202)  
}
```

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(192, 208, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 208, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 6.628, 170.357 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(192, 208, 202) }
```

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

```
.border{ border-color:rgb(192, 208, 202) }
```

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

Here you see how a box with a 4 pixel rgb(192, 208, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 208, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 208, 202);  
box-shadow:4px 4px 4px 4px rgb(192, 208,  
202) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 6.628, 170.357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 208, 202) }
```

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

```
.background{ background-color: rgb(192,  
208, 202) }
```

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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