

Converting Colors

CIELCh(82, 6.397, 175.120)

Have a look what the booklet for
CIELCh(82, 6.397, 175.120) contains.

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Color

CIELCh(82, 6.699, 175.693)

Conversions

Conversions Part 1

Format	Color
Hex	BFD0CB
RGB	191, 208, 203
RGB Percent	75%, 82%, 80%
CMY	0.2522, 0.1855, 0.2051
CMYK	0.08, 0.00, 0.02, 0.19
HSL	162°, 15%, 78%
HSV	162°, 8%, 81%
XYZ	54.6354, 60.2982, 65.0698
YIQ	202.3470, -8.5270, -5.1590

Conversions

Conversions Part 2

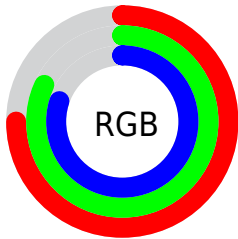
Format	Color
R _Y B	191, 201, 208
Decimal	12570827
CIE Lab	82.00, -6.68, 0.50
CIE LCh	82, 6.699, 175.693
Yxy	60.2982, 0.3035, 0.3350
Android (android.graphics.Color)	4290760907 (0xFFBFD0CB)
YUV	202.3470, 0.3219, -9.9513
Hunter-Lab	77.6519, -10.2993, 4.6733

Details

The CIELCh color **82, 6.699, 175.693** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **79, 6.866, 357.060**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 2.770, 199.469**, and **62, 6.730, 174.221** is the 20% darker color. If you saturate the color by 10%, you get **80, 14.753, 174.671**, and if you desaturate by 10%, it is **84, 1.500, 356.190**.

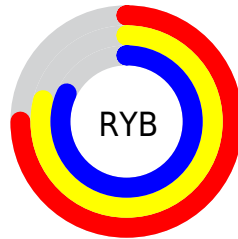
Distribution



Red (75%)

Green (82%)

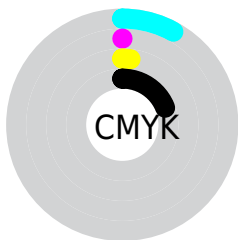
Blue (80%)



Red (75%)

Yellow (79%)

Blue (82%)

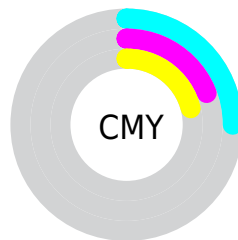


Cyan (8%)

Magenta (0%)

Yellow (2%)

Black (19%)



Cyan (25%)

Magenta (19%)

Yellow (21%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 6.699, 175.693 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, 6.699, 175.693 by changing the saturation by 10% instead.

 82, 6.699, 175.693

 82, 6.699, 175.693

 100, 6.699,
175.693

 72, 6.699, 175.693

 62, 6.699, 175.693

 52, 6.699, 175.693

 42, 6.699, 175.693

 32, 6.699, 175.693

 22, 6.699, 175.693

 12, 6.699, 175.693

 2, 6.699, 175.693

 0, 6.699, 175.693

82, 6.699, 175.693

82, 6.699, 175.693

80, 14.753,
174.671

84, 1.500, 356.190

79, 22.541,
173.612

86, 9.755, 357.325

78, 29.936,
172.466

88, 17.986,
358.160

77, 36.799,
171.211

88, 19.923,
350.498

76, 42.998,
169.822

88, 21.588,
343.094

75, 48.422,
168.273

88, 23.577,
336.887

75, 53.004,
166.542

88, 25.814,
331.745

75, 56.738,
164.613

89, 28.239,
327.499

■ 74, 59.735,
162.508

■ 89, 29.655,
325.457

Harmonies

Complementary

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



82, 6.699, 175.693



79, 6.866, 357.060

Rectangle

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



82, 6.699, 175.693



82, 6.699, 225.693



82, 6.699, 355.693



82, 6.699, 45.693

Sweetspot

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



82, 6.701, 175.684



100, 1.937, 176.474



82, 10.034, 135.404



53, 1.101, 176.499



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, 6.701, 175.684



98, 9.657, 175.487



81, 5.131, 219.811



43, 4.667, 175.558



61, 51.241, 162.479



14, 18.228, 167.393

Inverse Universe

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



79, 6.866, 357.060



93, 9.948, 357.269



79, 5.396, 39.217



41, 4.798, 357.193



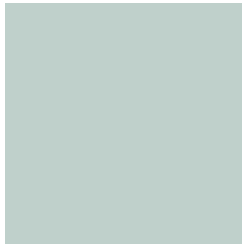
35, 64.264, 21.194



4, 20.474, 5.842

Previews

White Background



This preview shows how the CIELCh color 82, 6.699, 175.693 looks on a white background.

Color Contrast Check

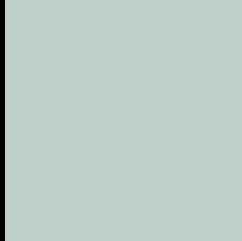
Large Text (above 18pt) WCAG AA × Fail

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, 6.699, 175.693 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

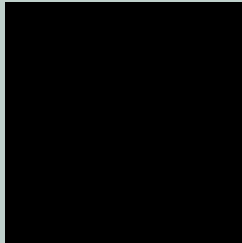
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

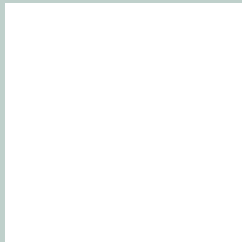
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 6.699, 175.693

Background



This preview shows how black text looks on a background with the CIELCh color 82, 6.699, 175.693.



This preview shows how white text looks on a background with the CIELCh color 82, 6.699, 175.693.

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

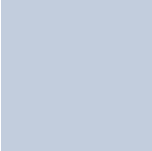
82, 6.699, 175.693

Protanopia

82, 2.413, 60.292

Deuteranopia

82, 10.506, 356.507



Tritanopia
82, 9.222, 266.445

Trichromacy



Original Color
82, 6.699, 175.693

Protanomaly
82, 2.386, 137.296

Deuteranomaly
82, 4.011, 356.274

Tritanomaly
82, 6.174, 242.695

Monochromacy



Original Color
82, 6.699, 175.693

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, 6.699, 175.693 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(191, 208, 203)` looks like.

```
.text, #text, p{  
    color:rgb(191, 208, 203)  
}
```

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(191, 208, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 208, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 6.699, 175.693 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(191, 208, 203) }
```

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

```
.border{ border-color:rgb(191, 208, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 208, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 208, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 208, 203);  
box-shadow:4px 4px 4px 4px rgb(191, 208,  
203) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 6.699, 175.693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 208, 203) }
```

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

```
.background{ background-color: rgb(191,  
208, 203) }
```

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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