

Converting Colors

CIE LCh(82, 6.401, 199.020)

Have a look what the booklet for
CIELCh(82, 6.401, 199.020) contains.

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Color

CIELCh(82, 6.396, 199.022)

Conversions

Conversions Part 1

Format	Color
Hex	BED0D0
RGB	190, 208, 208
RGB Percent	75%, 82%, 82%
CMY	0.2567, 0.1862, 0.1862
CMYK	0.09, 0.00, 0.00, 0.19
HSL	180°, 16%, 78%
HSV	180°, 9%, 81%
XYZ	54.8855, 60.2982, 68.1147
YIQ	202.6180, -10.7280, -3.8160

Conversions

Conversions Part 2

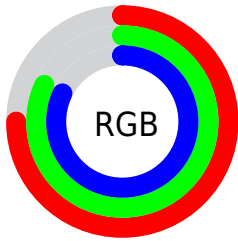
Format	Color
RYB	190, 199, 208
Decimal	12505296
CIELab	82.00, -6.05, -2.08
CIELCh	82, 6.396, 199.022
Yxy	60.2982, 0.2994, 0.3290
Android (android.graphics.Color)	4290695376 (0xFFBED0D0)
YUV	202.6180, 2.6533, -11.0660
Hunter-Lab	77.6519, -9.7245, 2.3484

Details

The CIELCh color **82, 6.396, 199.022** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **78, 6.755, 19.855**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 3.114, 199.421**, and **62, 6.352, 198.892** is the 20% darker color. If you saturate the color by 10%, you get **81, 13.393, 198.450**, and if you desaturate by 10%, it is **84, 1.004, 18.901**.

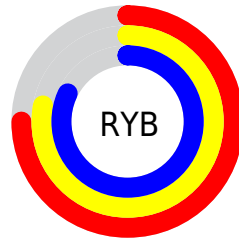
Distribution



Red (75%)

Green (82%)

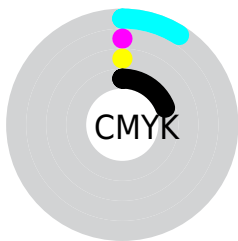
Blue (82%)



Red (75%)

Yellow (78%)

Blue (82%)

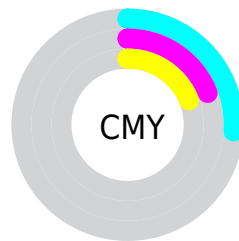


Cyan (9%)

Magenta (0%)

Yellow (0%)

Black (19%)



Cyan (26%)

Magenta (19%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 6.396, 199.022 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, 6.396, 199.022 by changing the saturation by 10% instead.

■ 82, 6.396, 199.022

■ 82, 6.396, 199.022

■ 100, 6.396,
199.022

■ 72, 6.396, 199.022

■ 62, 6.396, 199.022

■ 52, 6.396, 199.022

■ 42, 6.396, 199.022

■ 32, 6.396, 199.022

■ 22, 6.396, 199.022

■ 12, 6.396, 199.022

■ 2, 6.396, 199.022

■ 0, 6.396, 199.022

82, 6.396, 199.022

82, 6.396, 199.022

81, 13.393,
198.450

84, 1.004, 18.901

79, 19.868,
197.971

85, 8.701, 19.979

78, 25.699,
197.553

87, 16.603, 20.610

78, 30.773,
197.195

87, 17.838, 20.702

87, 17.837, 20.696

77, 34.991,
196.903

87, 17.837, 20.691

87, 17.837, 20.685


76, 38.291,
196.677

87, 17.837, 20.679

87, 17.837, 20.673

76, 40.654,
196.516

76, 42.119,
196.416

 76, 42.836,
196.366

Harmonies

Complementary

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



82, 6.396, 199.022



78, 6.755, 19.855

Rectangle

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



82, 6.396, 199.022



82, 6.396, 249.022



82, 6.396, 19.022



82, 6.396, 69.022

Sweetspot

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



82, 6.397, 199.007



99, 2.650, 199.473



82, 11.599, 143.527



53, 2.005, 199.376



0, 0.000, 0.000



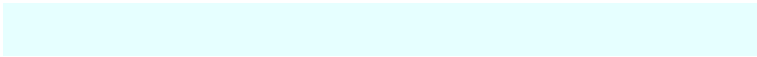
53, 0.007, 296.813

Same Dimension

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



82, 6.397, 199.007



98, 8.687, 198.918



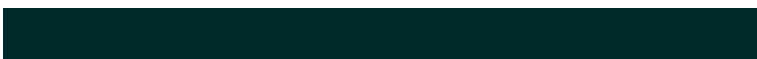
80, 5.640, 254.761



43, 4.203, 198.961



62, 36.717, 196.361



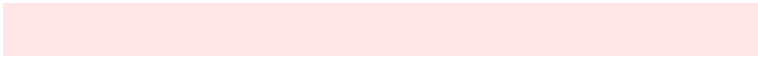
14, 14.040, 196.366

Inverse Universe

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



78, 6.755, 19.855



93, 9.259, 19.969



80, 5.766, 72.492



41, 4.460, 19.913



35, 76.448, 39.857



4, 20.018, 19.459

Previews

White Background



This preview shows how the CIELCh color 82, 6.396, 199.022 looks on a white background.

Color Contrast Check

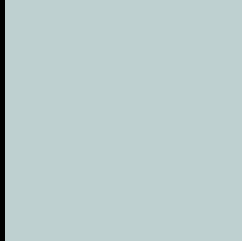
Large Text (above 18pt) WCAG AA × Fail

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, 6.396, 199.022 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

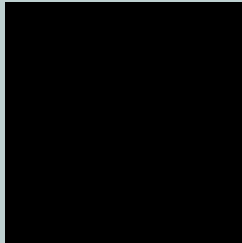
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

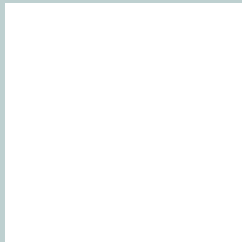
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 6.396, 199.022

Background



This preview shows how black text looks on a background with the CIELCh color 82, 6.396, 199.022.

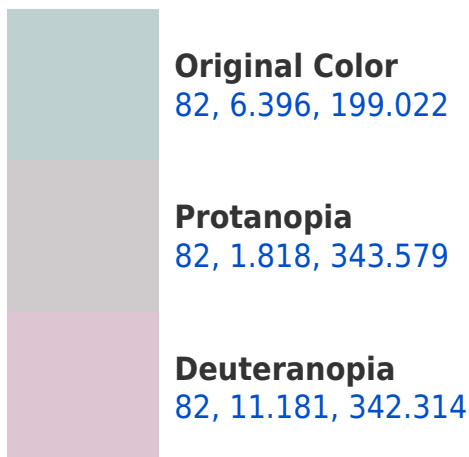


This preview shows how white text looks on a background with the CIELCh color 82, 6.396, 199.022.

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](#).

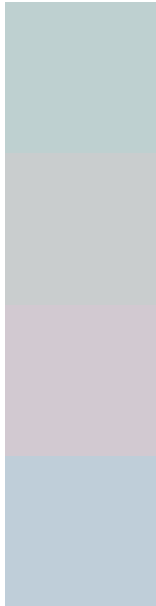
Dichromacy





Tritanopia
82, 9.974, 264.183

Trichromacy



Original Color
82, 6.396, 199.022

Protanomaly
82, 1.533, 219.895

Deuteranomaly
82, 5.387, 327.805

Tritanomaly
82, 7.746, 248.159

Monochromacy



Original Color
82, 6.396, 199.022

Achromatopsia
81, 0.010, 296.813

Achromatomaly
82, 2.527, 199.437

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 6.396, 199.022 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(190, 208, 208)` looks like.

```
.text, #text, p{  
    color:rgb(190, 208, 208)  
}
```

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(190, 208, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 208, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 6.396, 199.022 is called "border". The border property can be set on classes, ids or directly on the HTML element.

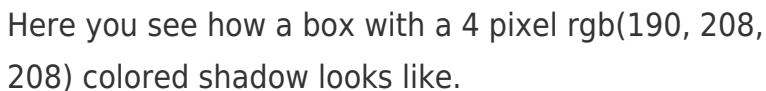
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(190, 208, 208) }
```

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

```
.border{ border-color:rgb(190, 208, 208) }
```

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



Here you see how a box with a 4 pixel `rgb(190, 208, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(190, 208, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(190, 208, 208); box-shadow:4px 4px 4px 4px rgb(190, 208, 208) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 6.396, 199.022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 208, 208) }
```

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

```
.background{ background-color: rgb(190,  
208, 208) }
```

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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