

Converting Colors

CIELCh(82, 8.701, 202.724)

Have a look what the booklet for
CIELCh(82, 8.701, 202.724) contains.

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Color

CIELCh(82, 8.784, 202.301)

Conversions

Conversions Part 1

Format	Color
Hex	B8D1D2
RGB	184, 209, 210
RGB Percent	72%, 82%, 82%
CMY	0.2793, 0.1812, 0.1773
CMYK	0.12, 0.00, 0.00, 0.18
HSL	182°, 22%, 77%
HSV	182°, 12%, 82%
XYZ	54.0669, 60.2982, 69.6173
YIQ	201.6390, -15.2210, -4.9890

Conversions

Conversions Part 2

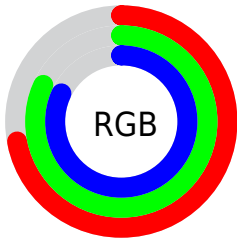
Format	Color
RYB	184, 197, 210
Decimal	12112338
CIELab	82.00, -8.13, -3.33
CIELCh	82, 8.784, 202.301
Yxy	60.2982, 0.2939, 0.3277
Android (android.graphics.Color)	4290302418 (0xFFB8D1D2)
YUV	201.6390, 4.1220, -15.4694
Hunter-Lab	77.6519, -11.6061, 1.2011

Details

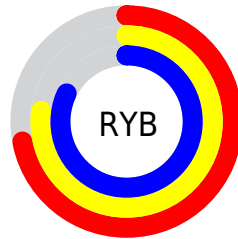
The CIELCh color `82, 8.784, 202.301` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `77, 9.518, 23.320`, and the grayscale version is `81, 0.010, 296.813`.

A 20% lighter version of the original color is `99, 5.163, 199.206`, and `62, 8.828, 202.316` is the 20% darker color. If you saturate the color by 10%, you get `80, 15.392, 201.921`, and if you desaturate by 10%, it is `84, 1.738, 202.955`.

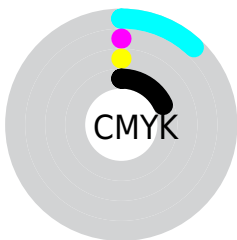
Distribution



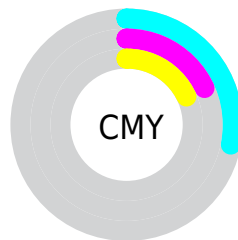
- Red (72%)
- Green (82%)
- Blue (82%)



- Red (72%)
- Yellow (77%)
- Blue (82%)



- Cyan (12%)
- Magenta (0%)
- Yellow (0%)
- Black (18%)



- Cyan (28%)
- Magenta (18%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 8.784, 202.301 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, 8.784, 202.301 by changing the saturation by 10% instead.

■ 82, 8.784, 202.301

■ 82, 8.784, 202.301

■ 100, 8.784,
202.301

■ 72, 8.784, 202.301

■ 62, 8.784, 202.301

■ 52, 8.784, 202.301

■ 42, 8.784, 202.301

■ 32, 8.784, 202.301

■ 22, 8.784, 202.301

■ 12, 8.784, 202.301

■ 2, 8.784, 202.301

■ 0, 8.784, 202.301

82, 8.784, 202.301

82, 8.784, 202.301

80, 15.392,
201.921

84, 1.738, 202.955

79, 21.443,
201.640

86, 5.643, 22.968

78, 26.818,
201.451

88, 13.264, 23.507

77, 31.408,
201.364

88, 16.157, 24.616

76, 35.121,
201.393

89, 15.897, 26.150

75, 37.905,
201.549

89, 15.649, 27.734

75, 39.754,
201.844

89, 15.414, 29.368

74, 40.726,
202.282

89, 15.192, 31.052

89, 14.984, 32.783

■ 74, 41.036,
202.693

Harmonies

Complementary

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



82, 8.784, 202.301



77, 9.518, 23.320

Rectangle

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



82, 8.784, 202.301



82, 8.784, 252.301



82, 8.784, 22.301



82, 8.784, 72.301

Sweetspot

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



82, 8.785, 202.290



99, 3.393, 202.751



82, 16.473, 144.604



53, 2.407, 202.689



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, 8.785, 202.290



97, 12.361, 202.177



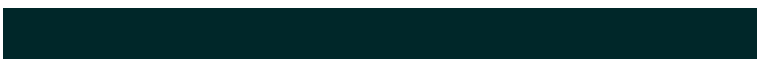
79, 8.461, 260.664



43, 4.044, 202.424



60, 34.855, 202.592



13, 13.455, 201.332

Inverse Universe

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



78, 16.438, 326.154



91, 23.343, 326.313



80, 8.667, 77.352



41, 7.495, 325.982



40, 82.171, 329.806



6, 30.221, 329.089

Previews

White Background



This preview shows how the CIELCh color 82, 8.784, 202.301 looks on a white background.

Color Contrast Check

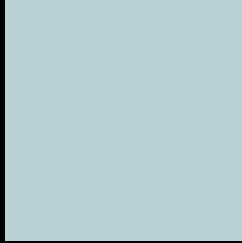
Large Text (above 18pt) WCAG AA × Fail

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, 8.784, 202.301 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

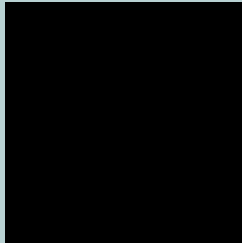
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

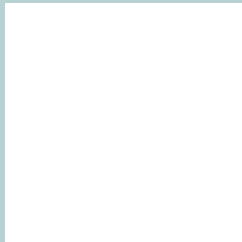
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 8.784, 202.301

Background



This preview shows how black text looks on a background with the CIELCh color 82, 8.784, 202.301.



This preview shows how white text looks on a background with the CIELCh color 82, 8.784, 202.301.

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, 10.966, 249.934

Trichromacy



Original Color
82, 8.784, 202.301

Protanomaly
82, 2.715, 222.439

Deuteranomaly
82, 5.633, 309.254

Tritanomaly
82, 9.439, 233.235

Monochromacy



Original Color
82, 8.784, 202.301

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 3.242, 199.335

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 8.784, 202.301 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(184, 209, 210)` looks like.

```
.text, #text, p{  
    color:rgb(184, 209, 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(184, 209, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 209, 210) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 8.784, 202.301 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(184, 209, 210) }
```

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

```
.border{ border-color:rgb(184, 209, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 209, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(184, 209, 210); -webkit-box-shadow:4px 4px 4px 4px rgb(184, 209, 210); box-shadow:4px 4px 4px 4px rgb(184, 209, 210) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 8.784, 202.301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 209, 210) }
```

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

```
.background{ background-color: rgb(184,  
209, 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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