

Converting Colors

CIELCh(81, 6.592, 323.242)

Have a look what the booklet for
CIELCh(81, 6.592, 323.242) contains.

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Color

CIELCh(81, 6.918, 322.191)

Conversions

Conversions Part 1

Format	Color
Hex	D0C6D1
RGB	208, 198, 209
RGB Percent	82%, 78%, 82%
CMY	0.1839, 0.2231, 0.1800
CMYK	0.00, 0.05, 0.00, 0.18
HSL	295°, 11%, 80%
HSV	295°, 5%, 82%
XYZ	57.7831, 58.4711, 68.6322
YIQ	202.2440, 2.4290, 5.5410

Conversions

Conversions Part 2

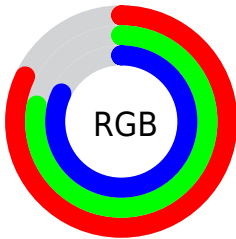
Format	Color
R _Y B	208, 198, 209
Decimal	13682385
CIE Lab	81.00, 5.47, -4.24
CIE LCh	81, 6.918, 322.191
Yxy	58.4711, 0.3125, 0.3163
Android (android.graphics.Color)	4291872465 (0xFFD0C6D1)
YUV	202.2440, 3.3307, 5.0480
Hunter-Lab	76.4664, 1.0704, 0.3109

Details

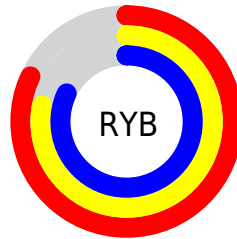
The CIELCh color $81, 6.918, 322.191$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $83, 6.891, 141.739$, and the grayscale version is $81, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $61, 7.320, 322.282$ is the 20% darker color. If you saturate the color by 10%, you get $76, 20.196, 322.705$, and if you desaturate by 10%, it is $86, 6.153, 141.782$.

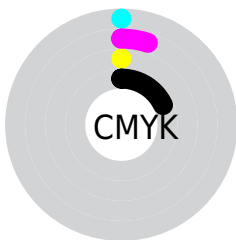
Distribution



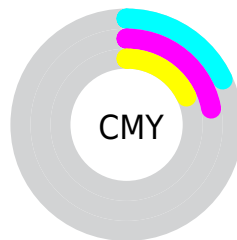
- Red (82%)
- Green (78%)
- Blue (82%)



- Red (82%)
- Yellow (78%)
- Blue (82%)



- Cyan (0%)
- Magenta (5%)
- Yellow (0%)
- Black (18%)



- Cyan (18%)
- Magenta (22%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 6.918, 322.191 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 81, 6.918, 322.191 by changing the saturation by 10% instead.

■ 81, 6.918, 322.191

■ 81, 6.918, 322.191

■ 100, 6.918,
322.191

■ 71, 6.918, 322.191

■ 61, 6.918, 322.191

■ 51, 6.918, 322.191

■ 41, 6.918, 322.191

■ 31, 6.918, 322.191

■ 21, 6.918, 322.191

■ 11, 6.918, 322.191

■ 1, 6.918, 322.191

■ 0, 6.918, 322.191

81, 6.918, 322.191

81, 6.918, 322.191

76, 20.196,
322.705

86, 6.153, 141.782

70, 33.541,
323.197

92, 18.921,
141.289

65, 46.725,
323.668

96, 27.802,
140.651

61, 59.423,
324.099

96, 27.436,
139.519

57, 71.204,
324.466

96, 27.080,
138.350

53, 81.541,
324.741

97, 26.736,
137.144

50, 89.887,
324.898

97, 26.402,
135.900

48, 95.795,
324.912

97, 26.081,
134.618

■ 47, 99.104,
324.771

■ 97, 25.773,
133.299

Harmonies

Complementary

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



81, 6.918, 322.191



83, 6.891, 141.739

Rectangle

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



81, 6.918, 322.191



81, 6.918, 12.191



81, 6.918, 142.191



81, 6.918, 192.191

Sweetspot

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



81, 6.916, 322.190



99, 3.086, 321.976



81, 5.280, 286.387



53, 1.755, 321.966



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



81, 6.916, 322.190



96, 9.273, 322.235



81, 5.362, 338.952



42, 5.227, 322.262



37, 85.153, 324.723



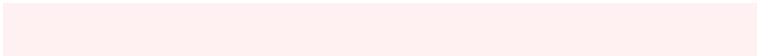
5, 30.345, 324.459

Inverse Universe

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



81, 4.100, 12.170



96, 5.508, 12.255



83, 5.328, 158.310



42, 3.109, 12.308



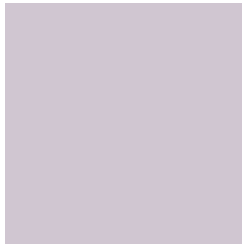
35, 72.769, 35.989



4, 20.048, 15.231

Previews

White Background



This preview shows how the CIELCh color 81, 6.918, 322.191 looks on a white background.

Color Contrast Check

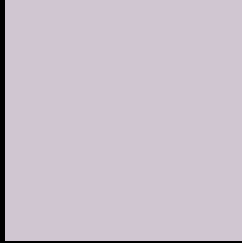
Large Text (above 18pt) WCAG AA × Fail

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 81, 6.918, 322.191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

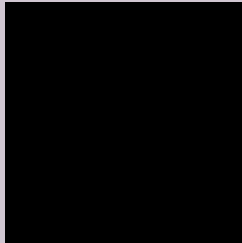
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

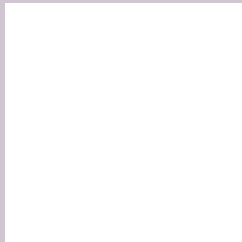
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 81, 6.918, 322.191

Background



This preview shows how black text looks on a background with the CIELCh color 81, 6.918, 322.191.



This preview shows how white text looks on a background with the CIELCh color 81, 6.918, 322.191.

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

81, 6.918, 322.191

Protanopia

81, 5.380, 298.319

Deuteranopia

81, 11.340, 335.705



Tritanopia
81, 9.591, 317.592

Trichromacy



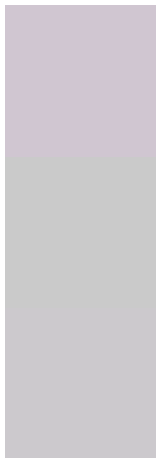
Original Color
81, 6.918, 322.191

Protanomaly
81, 6.149, 307.688

Deuteranomaly
81, 9.949, 331.816

Tritanomaly
81, 9.122, 319.099

Monochromacy



Original Color
81, 6.918, 322.191

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 2.407, 317.295

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 6.918, 322.191 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(208, 198, 209)` looks like.

```
.text, #text, p{  
    color:rgb(208, 198, 209)  
}
```

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(208, 198, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 198, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 6.918, 322.191 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(208, 198, 209) }
```

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

```
.border{ border-color:rgb(208, 198, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 198, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 198, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 198, 209);  
box-shadow:4px 4px 4px 4px rgb(208, 198,  
209) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 6.918, 322.191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 198, 209) }
```

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

```
.background{ background-color: rgb(208,  
198, 209) }
```

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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