

Converting Colors

CIELCh(80, 6.591, 109.738)

Have a look what the booklet for
CIELCh(80, 6.591, 109.738) contains.

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Color

CIELCh(80, 6.364, 109.594)

Conversions

Conversions Part 1

Format	Color
Hex	C7C7BB
RGB	199, 199, 187
RGB Percent	78%, 78%, 73%
CMY	0.2190, 0.2189, 0.2660
CMYK	0.00, 0.00, 0.06, 0.22
HSL	60°, 10%, 76%
HSV	60°, 6%, 78%
XYZ	53.0446, 56.6813, 55.2497
YIQ	197.6320, 3.8520, -3.7320

Conversions

Conversions Part 2

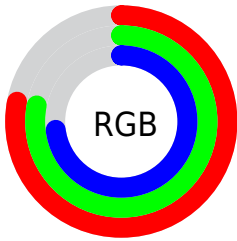
Format	Color
RYB	187, 199, 187
Decimal	13092795
CIELab	80.00, -2.13, 6.00
CIELCh	80, 6.364, 109.594
Yxy	56.6813, 0.3215, 0.3436
Android (android.graphics.Color)	4291282875 (0xFFC7C7BB)
YUV	197.6320, -5.2416, 1.1997
Hunter-Lab	75.2870, -5.9873, 9.1906

Details

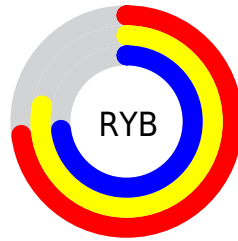
The CIELCh color `80, 6.364, 109.594` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `76, 6.466, 290.800`, and the grayscale version is `80, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 6.073, 109.711`, and `60, 6.186, 109.464` is the 20% darker color. If you saturate the color by 10%, you get `80, 16.901, 108.650`, and if you desaturate by 10%, it is `81, 4.216, 290.580`.

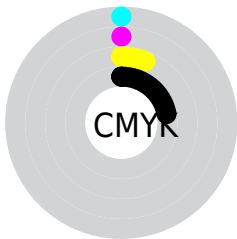
Distribution



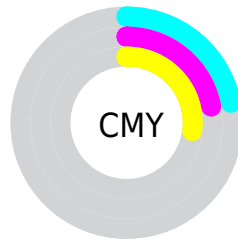
- Red (78%)
- Green (78%)
- Blue (73%)



- Red (73%)
- Yellow (78%)
- Blue (73%)



- Cyan (0%)
- Magenta (0%)
- Yellow (6%)
- Black (22%)



- Cyan (22%)
- Magenta (22%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 6.364, 109.594 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 80, 6.364, 109.594 by changing the saturation by 10% instead.

■ 80, 6.364, 109.594

■ 80, 6.364, 109.594

■ 100, 6.364,
109.594

■ 70, 6.364, 109.594

■ 60, 6.364, 109.594

■ 50, 6.364, 109.594

■ 40, 6.364, 109.594

■ 30, 6.364, 109.594

■ 20, 6.364, 109.594

■ 10, 6.364, 109.594

■ 0, 6.364, 109.594

■ 80, 6.364, 109.594

■ 80, 6.364, 109.594

80, 16.901,
108.650

81, 4.216, 290.580

79, 27.326,
107.686

81, 14.802,
291.492

79, 37.541,
106.736

82, 25.364,
292.381

79, 47.393,
105.823

82, 29.639,
292.734

78, 56.646,
104.974

82, 29.639,
292.738

78, 64.954,
104.224

82, 29.640,
292.742

78, 71.859,
103.612

82, 29.640,
292.746

78, 76.868,
103.177

82, 29.640,
292.750

78, 79.680,

82, 29.640,
292.754

Harmonies

Complementary

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



80, 6.364, 109.594



76, 6.466, 290.800

Rectangle

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



80, 6.364, 109.594



80, 6.364, 159.594



80, 6.364, 289.594



80, 6.364, 339.594

Sweetspot

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



80, 6.366, 109.607



100, 2.575, 109.968



77, 4.493, 19.651



53, 1.464, 109.976



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



80, 6.366, 109.607



100, 9.036, 109.505



80, 6.777, 128.824



42, 4.786, 109.467



65, 69.400, 102.872



13, 20.289, 105.996

Inverse Universe

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



76, 6.466, 290.800



94, 9.195, 290.912



77, 6.846, 309.315



39, 4.874, 290.954



19, 95.826, 306.288



1, 21.510, 291.754

Previews

White Background



This preview shows how the CIELCh color 80, 6.364, 109.594 looks on a white background.

Color Contrast Check

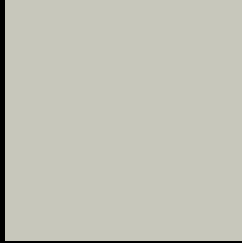
Large Text (above 18pt) WCAG AA × Fail

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 80, 6.364, 109.594 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

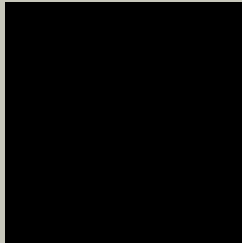
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

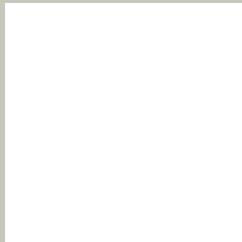
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 80, 6.364, 109.594

Background



This preview shows how black text looks on a background with the CIELCh color 80, 6.364, 109.594.



This preview shows how white text looks on a background with the CIELCh color 80, 6.364, 109.594.

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

80, 6.364, 109.594

Protanopia

80, 6.556, 82.242

Deuteranopia

80, 11.131, 28.395



Tritanopia
80, 8.418, 308.207

Trichromacy



Original Color
80, 6.364, 109.594

Protanomaly
80, 6.626, 93.091

Deuteranomaly
80, 7.750, 48.366

Tritanomaly
80, 3.252, 324.497

Monochromacy



Original Color
80, 6.364, 109.594

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 2.118, 109.956

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 6.364, 109.594 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(199, 199, 187)` looks like.

```
.text, #text, p{  
    color:rgb(199, 199, 187)  
}
```

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(199, 199, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 199, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 6.364, 109.594 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(199, 199, 187) }
```

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

```
.border{ border-color:rgb(199, 199, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 199, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 199, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 199, 187);  
box-shadow:4px 4px 4px 4px rgb(199, 199,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 6.364, 109.594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 199, 187) }
```

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

```
.background{ background-color: rgb(199,  
199, 187) }
```

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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