

Converting Colors

CIELCh(80, 1.632, 226.804)

Have a look what the booklet for
CIELCh(80, 1.632, 226.804) contains.

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Color

CIELCh(80, 1.541, 219.887)

Conversions

Conversions Part 1

Format	Color
Hex	C3C7C8
RGB	195, 199, 200
RGB Percent	76%, 78%, 78%
CMY	0.2349, 0.2192, 0.2153
CMYK	0.02, 0.00, 0.00, 0.22
HSL	192°, 4%, 77%
HSV	192°, 2%, 78%
XYZ	53.4133, 56.6813, 62.8283
YIQ	197.9180, -2.7050, -0.5370

Conversions

Conversions Part 2

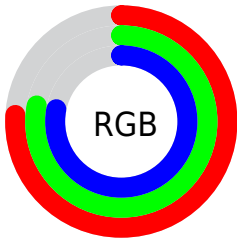
Format	Color
RYB	195, 197, 200
Decimal	12830664
CIELab	80.00, -1.18, -0.99
CIELCh	80, 1.541, 219.887
Yxy	56.6813, 0.3089, 0.3278
Android (android.graphics.Color)	4291020744 (0xFFC3C7C8)
YUV	197.9180, 1.0264, -2.5591
Hunter-Lab	75.2870, -5.1130, 3.2223

Details

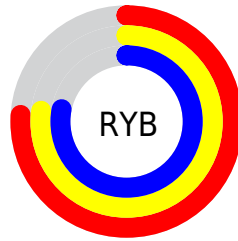
The CIELCh color `80, 1.541, 219.887` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `79, 1.561, 39.002`, and the grayscale version is `80, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 1.042, 199.975`, and `60, 1.630, 219.821` is the 20% darker color. If you saturate the color by 10%, you get `78, 7.520, 219.849`, and if you desaturate by 10%, it is `83, 4.712, 39.144`.

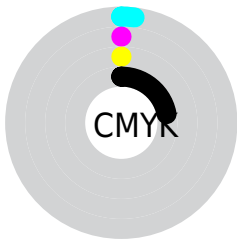
Distribution



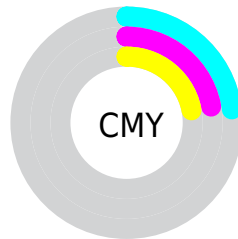
- Red (76%)
- Green (78%)
- Blue (78%)



- Red (76%)
- Yellow (77%)
- Blue (78%)



- Cyan (2%)
- Magenta (0%)
- Yellow (0%)
- Black (22%)



- Cyan (23%)
- Magenta (22%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 1.541, 219.887 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, 1.541, 219.887 by changing the saturation by 10% instead.

■ 80, 1.541, 219.887

■ 80, 1.541, 219.887

■ 100, 1.541,
219.887

■ 70, 1.541, 219.887

■ 60, 1.541, 219.887

■ 50, 1.541, 219.887

■ 40, 1.541, 219.887

■ 30, 1.541, 219.887

■ 20, 1.541, 219.887

■ 10, 1.541, 219.887

■ 0, 1.541, 219.887

■ 80, 1.541, 219.887

■ 80, 1.541, 219.887

78, 7.520, 219.849

83, 4.712, 39.144

75, 13.146,
220.296

85, 11.172, 39.108

73, 18.331,
220.962

88, 17.735, 39.144

89, 17.150, 47.065

71, 22.981,
221.888

90, 16.919, 55.362

69, 27.008,
223.134

91, 17.054, 63.692

92, 17.546, 71.702

67, 30.337,
224.775

93, 18.362, 79.114

65, 32.925,
226.892

94, 19.460, 85.767

64, 34.779,
229.568

62, 35.977,
232.865

Harmonies

Complementary

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



80, 1.541, 219.887



79, 1.561, 39.002

Rectangle

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



80, 1.541, 219.887



80, 1.541, 269.887



80, 1.541, 39.887



80, 1.541, 89.887

Sweetspot

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



80, 1.542, 219.810



100, 0.755, 220.284



80, 2.850, 149.908



53, 0.429, 220.328



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, 1.542, 219.810



99, 2.250, 219.761



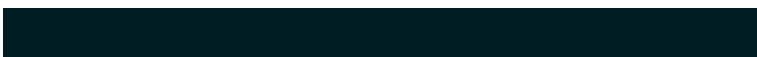
79, 1.909, 272.858



42, 1.388, 219.725



50, 31.426, 235.020



9, 11.168, 226.139

Inverse Universe

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



79, 2.835, 330.550



98, 4.145, 330.603



80, 1.892, 92.012



41, 2.562, 330.663



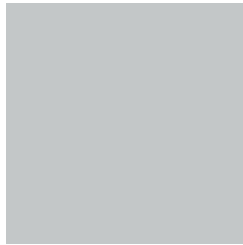
37, 71.000, 338.004



4, 22.460, 334.988

Previews

White Background



This preview shows how the CIELCh color 80, 1.541, 219.887 looks on a white background.

Color Contrast Check

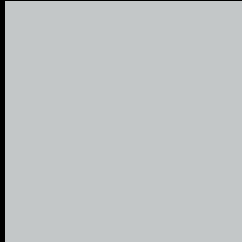
Large Text (above 18pt) WCAG AA × Fail

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, 1.541, 219.887 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

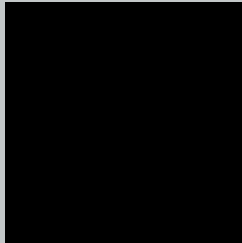
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

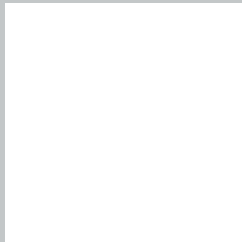
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 80, 1.541, 219.887

Background



This preview shows how black text looks on a background with the CIELCh color 80, 1.541, 219.887.



This preview shows how white text looks on a background with the CIELCh color 80, 1.541, 219.887.

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, 1.541, 219.887

Protanopia

80, 1.828, 343.589

Deuteranopia

80, 10.356, 349.364



Tritanopia
80, 8.533, 290.946

Trichromacy



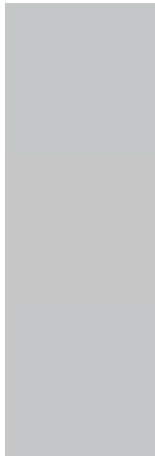
Original Color
80, 1.541, 219.887

Protanomaly
80, 0.658, 324.079

Deuteranomaly
80, 5.773, 346.233

Tritanomaly
80, 5.368, 283.012

Monochromacy



Original Color
80, 1.541, 219.887

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 0.648, 256.103

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 1.541, 219.887 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(195, 199, 200)` looks like.

```
.text, #text, p{  
    color:rgb(195, 199, 200)  
}
```

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(195, 199, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 199, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 1.541, 219.887 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(195, 199, 200) }
```

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

```
.border{ border-color:rgb(195, 199, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 199, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 199, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 199, 200);  
box-shadow:4px 4px 4px 4px rgb(195, 199,  
200) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 1.541, 219.887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 199, 200) }
```

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

```
.background{ background-color: rgb(195,  
199, 200) }
```

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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