

Converting Colors

CIELCh(82, 8.889, 40.774)

Have a look what the booklet for
CIELCh(82, 8.889, 40.774) contains.

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Color

CIELCh(82, 8.880, 40.775)

Conversions

Conversions Part 1

Format	Color
Hex	DDC7C1
RGB	221, 199, 193
RGB Percent	87%, 78%, 76%
CMY	0.1319, 0.2182, 0.2418
CMYK	0.00, 0.10, 0.13, 0.13
HSL	13°, 29%, 81%
HSV	13°, 13%, 87%
XYZ	60.0926, 60.2982, 59.1234
YIQ	204.8940, 15.0380, 2.7980

Conversions

Conversions Part 2

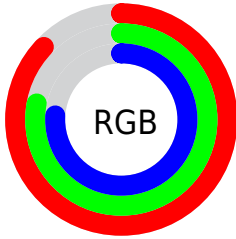
Format	Color
R _Y B	221, 201, 193
Decimal	14534593
CIE Lab	82.00, 6.72, 5.80
CIE LCh	82, 8.880, 40.775
Yxy	60.2982, 0.3348, 0.3359
Android (android.graphics.Color)	4292724673 (0xFFDDC7C1)
YUV	204.8940, -5.8637, 14.1250
Hunter-Lab	77.6519, 2.2451, 9.2135

Details

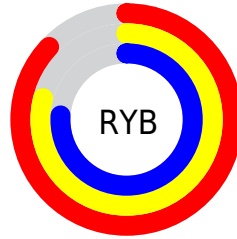
The CIELCh color **82, 8.880, 40.775** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **85, 8.201, 221.714**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 3.032, 109.926**, and **62, 8.903, 38.347** is the 20% darker color. If you saturate the color by 10%, you get **77, 16.567, 40.688**, and if you desaturate by 10%, it is **87, 1.787, 40.766**.

Distribution



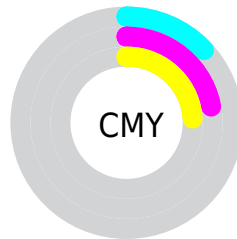
- Red (87%)
- Green (78%)
- Blue (76%)



- Red (87%)
- Yellow (79%)
- Blue (76%)



- Cyan (0%)
- Magenta (10%)
- Yellow (13%)
- Black (13%)



- Cyan (13%)
- Magenta (22%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 8.880, 40.775 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, 8.880, 40.775 by changing the saturation by 10% instead.



82, 8.880, 40.775

82, 8.880, 40.775

77, 16.567, 40.688

87, 1.787, 40.766

72, 24.898, 40.698

92, 4.767, 221.522

68, 33.900, 40.870

97, 10.297,
208.841

64, 43.559, 41.240

98, 11.363,
198.747

60, 53.788, 41.828

56, 64.363, 42.602

53, 74.760, 43.401

50, 83.816, 43.771

49, 88.981, 43.663

Harmonies

Complementary

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



82, 8.880, 40.775



85, 8.201, 221.714

Rectangle

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



82, 8.880, 40.775



82, 8.880, 90.775



82, 8.880, 220.775



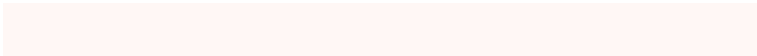
82, 8.880, 270.775

Sweetspot

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



82, 8.879, 40.791



98, 3.039, 40.841



81, 15.672, 331.300



52, 2.166, 40.855



0, 0.000, 0.000



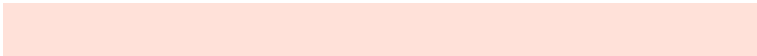
53, 0.007, 296.813

Same Dimension

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



82, 8.879, 40.791



92, 11.925, 40.759



85, 10.723, 92.124



44, 3.901, 40.834



38, 73.740, 44.085



7, 20.752, 32.260

Inverse Universe

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



85, 8.201, 221.714



95, 10.831, 221.826



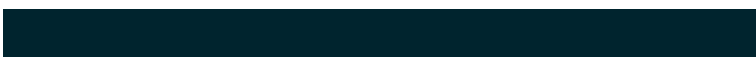
81, 10.754, 275.387



45, 3.682, 221.592



53, 33.162, 238.487



12, 13.112, 230.473

Previews

White Background



This preview shows how the CIELCh color 82, 8.880, 40.775 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, 8.880, 40.775 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

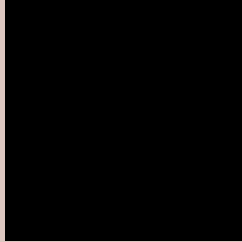
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 8.880, 40.775

Background



This preview shows how black text looks on a background with the CIELCh color 82, 8.880, 40.775.



This preview shows how white text looks on a background with the CIELCh color 82, 8.880, 40.775.

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

82, 8.880, 40.775

Protanopia

82, 4.945, 77.984

Deuteranopia

82, 11.453, 28.134



Tritanopia
82, 12.683, 341.709

Trichromacy



Original Color
82, 8.880, 40.775

Protanomaly
82, 6.150, 62.872

Deuteranomaly
82, 10.411, 31.770

Tritanomaly
82, 9.959, 358.395

Monochromacy



Original Color
82, 8.880, 40.775

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 3.120, 39.200

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 8.880, 40.775 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(221, 199, 193)` looks like.

```
.text, #text, p{  
    color:rgb(221, 199, 193)  
}
```

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(221, 199, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 199, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 8.880, 40.775 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(221, 199, 193) }
```

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

```
.border{ border-color:rgb(221, 199, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 199, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 199, 193); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 199, 193); box-shadow:4px 4px 4px 4px rgb(221, 199, 193) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 8.880, 40.775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 199, 193) }
```

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

```
.background{ background-color: rgb(221,  
199, 193) }
```

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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