

Converting Colors

CIELCh(82, 58.240, 100.789)

Have a look what the booklet for
CIELCh(82, 58.240, 100.789)
contains.

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Color

CIELCh(82, 58.192, 100.783)

Conversions

Conversions Part 1

Format	Color
Hex	D9CF5C
RGB	217, 207, 92
RGB Percent	85%, 81%, 36%
CMY	0.1481, 0.1873, 0.6384
CMYK	0.00, 0.05, 0.58, 0.15
HSL	55°, 62%, 61%
HSV	55°, 58%, 85%
XYZ	52.9935, 60.2982, 19.0199
YIQ	196.8800, 42.8750, -33.6450

Conversions

Conversions Part 2

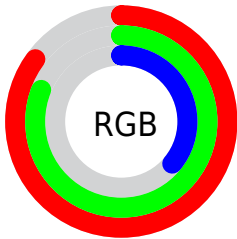
Format	Color
RYB	103, 217, 92
Decimal	14274396
CIELab	82.00, -10.89, 57.16
CIELCh	82, 58.192, 100.783
Yxy	60.2982, 0.4005, 0.4557
Android (android.graphics.Color)	4292464476 (0xFFD9CF5C)
YUV	196.8800, -51.7058, 17.6452
Hunter-Lab	77.6519, -14.0737, 39.8340

Details

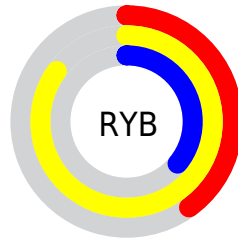
The CIELCh color **82, 58.192, 100.783** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted yellow. A complement of this color would be **48, 67.309, 296.181**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 53.989, 106.046**, and **62, 58.334, 100.978** is the 20% darker color. If you saturate the color by 10%, you get **81, 66.571, 99.844**, and if you desaturate by 10%, it is **83, 48.860, 101.787**.

Distribution



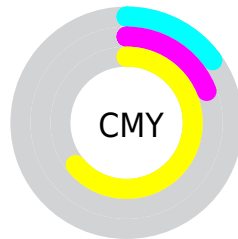
- Red (85%)
- Green (81%)
- Blue (36%)



- Red (40%)
- Yellow (85%)
- Blue (36%)



- Cyan (0%)
- Magenta (5%)
- Yellow (58%)
- Black (15%)





- Cyan (15%)
- Magenta (19%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 58.192, 100.783 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, 58.192, 100.783 by changing the saturation by 10% instead.


 82, 58.192,
100.783

 82, 58.192,
100.783


 100, 58.192,
100.783


 72, 58.192,
100.783

 62, 58.192,
100.783

 52, 58.192,
100.783

 42, 58.192,
100.783

 32, 58.192,
100.783

 22, 58.192,
100.783

 12, 58.192,

100.783

■ 2, 58.192, 100.783

■ 0, 58.192, 100.783

■ 82, 58.192,
100.783

■ 82, 58.192,
100.783

■ 81, 66.571, 99.844

■ 83, 48.860,
101.787

■ 81, 73.462, 98.985

■ 83, 38.956,
102.826

■ 80, 78.261, 98.226

■ 80, 80.636, 97.561

■ 84, 28.733,
103.880

■ 80, 81.040, 97.406

■ 85, 18.346,
104.933

■ 86, 7.891, 105.968

■ 87, 2.572, 287.039

■ 88, 13.009,
287.994

■ 89, 17.683,
287.384

■ 89, 16.800,
285.087

Harmonies

Complementary

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



82, 58.192, 100.783



48, 67.309, 296.181

Rectangle

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



82, 58.192, 100.783



82, 58.192, 150.783



82, 58.192, 280.783



82, 58.192, 330.783

Sweetspot

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



82, 58.193, 100.786



98, 20.239, 104.975



56, 53.436, 20.927



52, 13.534, 104.762



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, 58.193, 100.786



94, 76.910, 99.658



81, 65.979, 123.416



46, 5.981, 105.775



65, 68.555, 97.494



17, 24.488, 99.629

Inverse Universe

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



48, 67.309, 296.181



48, 93.781, 299.154



50, 73.400, 309.557



42, 6.093, 287.792



21, 96.434, 305.221



2, 27.958, 293.168

Previews

White Background



This preview shows how the CIELCh color 82, 58.192, 100.783 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 CIELCh color 82, 58.192, 100.783 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

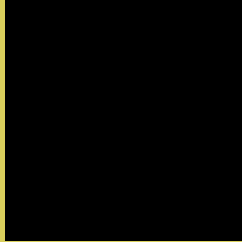
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 58.192, 100.783

Background



This preview shows how black text looks on a background with the CIELCh color 82, 58.192, 100.783.



This preview shows how white text looks on a background with the CIELCh color 82, 58.192, 100.783.

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, 58.192, 100.783

Protanopia

82, 58.080, 95.640

Deuteranopia

82, 57.194, 79.350



Tritanopia
82, 14.495, 347.444

Trichromacy



Original Color
82, 58.192, 100.783

Protanomaly
82, 58.204, 97.367

Deuteranomaly
82, 56.320, 87.420

Tritanomaly
82, 19.650, 78.456

Monochromacy



Original Color
82, 58.192, 100.783

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 22.185, 105.109

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 58.192, 100.783 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(217, 207, 92)` looks like.

```
.text, #text, p{  
    color:rgb(217, 207, 92)  
}
```

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(217, 207, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 207, 92) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 58.192, 100.783 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(217, 207, 92) }
```

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

```
.border{ border-color:rgb(217, 207, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 207, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(217, 207, 92); -webkit-box-shadow:4px 4px 4px 4px rgb(217, 207, 92); box-shadow:4px 4px 4px 4px rgb(217, 207, 92) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 58.192, 100.783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 207, 92) }
```

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

```
.background{ background-color: rgb(217,  
207, 92) }
```

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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