

Converting Colors

CIELCh(81, 65.236, 97.788)

Have a look what the booklet for
CIELCh(81, 65.236, 97.788) contains.

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Color

CIELCh(81, 65.270, 97.817)

Conversions

Conversions Part 1

Format	Color
Hex	DCCB48
RGB	220, 203, 72
RGB Percent	86%, 80%, 28%
CMY	0.1368, 0.2034, 0.7172
CMYK	0.00, 0.08, 0.67, 0.14
HSL	53°, 68%, 57%
HSV	53°, 67%, 86%
XYZ	52.1097, 58.4711, 14.6903
YIQ	193.1490, 52.1830, -37.1370

Conversions

Conversions Part 2

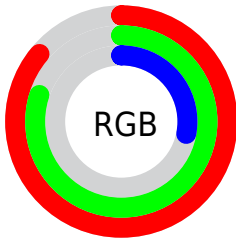
Format	Color
R_{YB}	91, 220, 72
Decimal	14469960
CIE _{Lab}	81.00, -8.88, 64.66
CIE _{LCh}	81, 65.270, 97.817
Yxy	58.4711, 0.4160, 0.4668
Android (android.graphics.Color)	4292660040 (0xFFDCCB48)
YUV	193.1490, -59.7265, 23.5483
Hunter-Lab	76.4664, -12.1735, 42.1360

Details

The CIELCh color **81, 65.270, 97.817** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **44, 77.578, 297.215**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 62.662, 105.382**, and **61, 65.208, 97.510** is the 20% darker color. If you saturate the color by 10%, you get **80, 72.241, 96.832**, and if you desaturate by 10%, it is **82, 56.876, 98.859**.

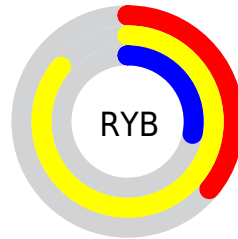
Distribution



Red (86%)

Green (80%)

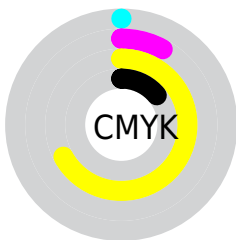
Blue (28%)



Red (36%)

Yellow (86%)

Blue (28%)

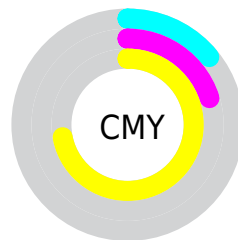


Cyan (0%)

Magenta (8%)

Yellow (67%)

Black (14%)



Cyan (14%)

Magenta (20%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 65.270, 97.817 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, 65.270, 97.817 by changing the saturation by 10% instead.

■ 81, 65.270, 97.817

■ 81, 65.270, 97.817

■ 100, 65.270,
97.817

■ 71, 65.270, 97.817

■ 61, 65.270, 97.817

■ 51, 65.270, 97.817

■ 41, 65.270, 97.817

■ 31, 65.270, 97.817

■ 21, 65.270, 97.817

■ 11, 65.270, 97.817

■ 1, 65.270, 97.817

■ 0, 65.270, 97.817

81, 65.270, 97.817

81, 65.270, 97.817

80, 72.241, 96.832

82, 56.876, 98.859

79, 77.147, 95.899

83, 47.600, 99.936

79, 79.561, 95.005

84, 37.816,
101.033

79, 80.002, 94.762

85, 27.763,
102.136

86, 17.587,
103.229

87, 7.373, 104.295

88, 2.825, 285.402

89, 12.978,
286.381

90, 15.217,
284.099

Harmonies

Complementary

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



81, 65.270, 97.817



44, 77.578, 297.215

Rectangle

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



81, 65.270, 97.817



81, 65.270, 147.817



81, 65.270, 277.817



81, 65.270, 327.817

Sweetspot

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



81, 65.270, 97.820



97, 22.991, 102.911



53, 62.861, 21.417



52, 15.682, 102.601



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, 65.270, 97.820



91, 83.484, 96.412



82, 75.389, 121.927



46, 5.770, 104.065



63, 67.030, 94.904



16, 23.654, 97.373

Inverse Universe

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



44, 77.578, 297.215



42, 106.943, 301.012



45, 86.538, 309.242



43, 5.867, 286.142



22, 94.311, 304.591



3, 27.251, 292.341

Previews

White Background



This preview shows how the CIELCh color 81, 65.270, 97.817 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 81, 65.270, 97.817 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, 65.270, 97.817

Background



This preview shows how black text looks on a background with the CIELCh color 81, 65.270, 97.817.



This preview shows how white text looks on a background with the CIELCh color 81, 65.270, 97.817.

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, 65.270, 97.817

Protanopia

81, 65.285, 95.504

Deuteranopia

81, 64.780, 80.609



Tritanopia
81, 17.139, 353.278

Trichromacy



Original Color
81, 65.270, 97.817

Protanomaly
81, 65.136, 96.262

Deuteranomaly
81, 63.962, 86.570

Tritanomaly
81, 24.036, 75.918

Monochromacy



Original Color
81, 65.270, 97.817

Achromatopsia
78, 0.009, 296.813

Achromatomaly
79, 25.486, 102.418

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 65.270, 97.817 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(220, 203, 72)` looks like.

```
.text, #text, p{  
    color:rgb(220, 203, 72)  
}
```

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(220, 203, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 203, 72) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 65.270, 97.817 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(220, 203, 72) }
```

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

```
.border{ border-color:rgb(220, 203, 72) }
```

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

Here you see how a box with a 4 pixel rgb(220, 203, 72) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 203, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 203, 72);  
box-shadow:4px 4px 4px 4px rgb(220, 203,  
72) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 65.270, 97.817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 203, 72) }
```

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

```
.background{ background-color: rgb(220,  
203, 72) }
```

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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