

Converting Colors

CIELCh(83, 24.917, 98.407)

Have a look what the booklet for
CIELCh(83, 24.917, 98.407) contains.

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Color

CIELCh(83, 25.020, 97.945)

Conversions

Conversions Part 1

Format	Color
Hex	DACFA0
RGB	218, 207, 160
RGB Percent	85%, 81%, 63%
CMY	0.1445, 0.1877, 0.3720
CMYK	0.00, 0.05, 0.27, 0.14
HSL	49°, 44%, 74%
HSV	49°, 27%, 86%
XYZ	57.6591, 62.1629, 42.2789
YIQ	204.9310, 21.6430, -12.2850

Conversions

Conversions Part 2

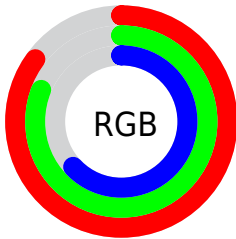
Format	Color
RYB	174, 218, 160
Decimal	14340000
CIELab	83.00, -3.46, 24.78
CIELCh	83, 25.020, 97.945
Yxy	62.1629, 0.3557, 0.3835
Android (android.graphics.Color)	4292530080 (0xFFDACFA0)
YUV	204.9310, -22.1510, 11.4615
Hunter-Lab	78.8435, -7.4371, 23.3969

Details

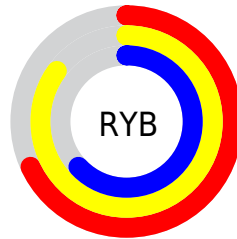
The CIELCh color **83, 25.020, 97.945** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **71, 25.850, 284.657**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 20.216, 108.647**, and **63, 25.167, 98.619** is the 20% darker color. If you saturate the color by 10%, you get **82, 34.435, 96.748**, and if you desaturate by 10%, it is **84, 15.575, 99.126**.

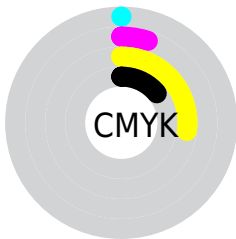
Distribution



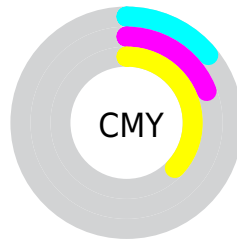
- Red (85%)
- Green (81%)
- Blue (63%)



- Red (68%)
- Yellow (85%)
- Blue (63%)



- Cyan (0%)
- Magenta (5%)
- Yellow (27%)
- Black (14%)



- Cyan (14%)
- Magenta (19%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 25.020, 97.945 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 83, 25.020, 97.945 by changing the saturation by 10% instead.

■ 83, 25.020, 97.945

■ 83, 25.020, 97.945

■ 100, 25.020,
97.945

■ 73, 25.020, 97.945

■ 63, 25.020, 97.945

■ 53, 25.020, 97.945

■ 43, 25.020, 97.945

■ 33, 25.020, 97.945

■ 23, 25.020, 97.945

■ 13, 25.020, 97.945

■ 3, 25.020, 97.945

■ 0, 25.020, 97.945

83, 25.020, 97.945

83, 25.020, 97.945

82, 34.435, 96.748

84, 15.575, 99.126

80, 43.699, 95.529

86, 6.160, 100.259

79, 52.614, 94.300

88, 3.188, 281.446

78, 60.845, 93.061

89, 12.451,
282.477

76, 67.873, 91.805

91, 14.405,
278.290

75, 73.011, 90.501

74, 75.661, 89.089

92, 12.694,
269.705

74, 76.240, 88.594

93, 11.346,
258.846

94, 10.493,
245.745

95, 10.254,

Harmonies

Complementary

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



83, 25.020, 97.945



71, 25.850, 284.657

Rectangle

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



83, 25.020, 97.945



83, 25.020, 147.945



83, 25.020, 277.945



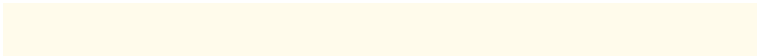
83, 25.020, 327.945

Sweetspot

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



83, 25.021, 97.950



99, 8.494, 100.096



72, 23.334, 6.118



52, 6.041, 99.926



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



83, 25.021, 97.950



94, 34.190, 97.269



85, 30.880, 120.257



45, 5.337, 99.943



60, 64.329, 88.846



15, 21.990, 91.878

Inverse Universe

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



71, 25.850, 284.657



78, 35.630, 285.650



69, 32.550, 303.575



43, 5.402, 282.159



24, 88.278, 302.654



3, 25.755, 290.418

Previews

White Background



This preview shows how the CIELCh color 83, 25.020, 97.945 looks on a white background.

Color Contrast Check

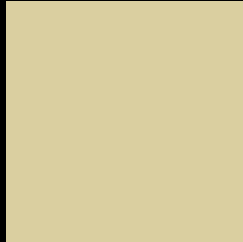
Large Text (above 18pt) WCAG AA × Fail

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 83, 25.020, 97.945 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

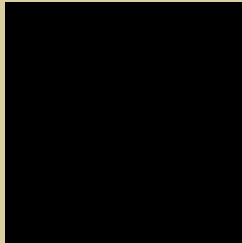
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

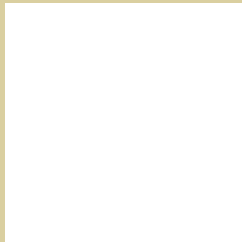
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 83, 25.020, 97.945

Background



This preview shows how black text looks on a background with the CIELCh color 83, 25.020, 97.945.



This preview shows how white text looks on a background with the CIELCh color 83, 25.020, 97.945.

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

83, 25.020, 97.945

Protanopia

83, 24.875, 94.152

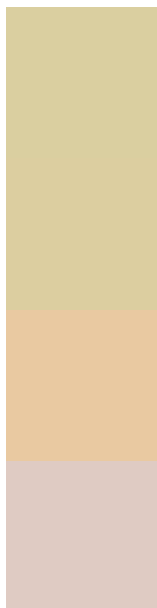
Deuteranopia

83, 26.198, 65.997



Tritanopia
83, 12.089, 339.447

Trichromacy



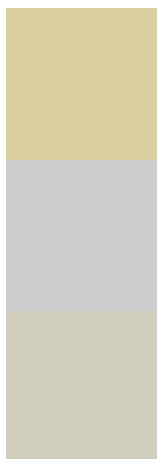
Original Color
83, 25.020, 97.945

Protanomaly
83, 24.778, 95.051

Deuteranomaly
83, 24.797, 77.150

Tritanomaly
83, 8.622, 48.999

Monochromacy



Original Color
83, 25.020, 97.945

Achromatopsia
82, 0.010, 296.813

Achromatomaly
83, 9.070, 99.830

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 25.020, 97.945 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(218, 207, 160)` looks like.

```
.text, #text, p{  
    color:rgb(218, 207, 160)  
}
```

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(218, 207, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 207, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 25.020, 97.945 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(218, 207, 160) }
```

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

```
.border{ border-color:rgb(218, 207, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 207, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 207, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 207, 160);  
box-shadow:4px 4px 4px 4px rgb(218, 207,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 25.020, 97.945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 207, 160) }
```

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

```
.background{ background-color: rgb(218,  
207, 160) }
```

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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