

Converting Colors

CIELCh(78, 25.306, 93.035)

Have a look what the booklet for
CIELCh(78, 25.306, 93.035) contains.

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Color

CIELCh(78, 25.306, 93.035)

Conversions

Conversions Part 1

Format	Color
Hex	D0C092
RGB	208, 192, 146
RGB Percent	82%, 75%, 57%
CMY	0.1841, 0.2469, 0.4273
CMYK	0.00, 0.08, 0.30, 0.18
HSL	45°, 40%, 69%
HSV	45°, 30%, 82%
XYZ	50.0763, 53.2120, 34.8429
YIQ	191.5400, 24.3020, -10.9140

Conversions

Conversions Part 2

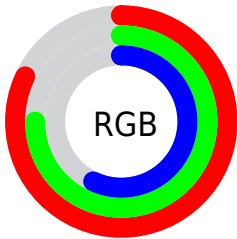
Format	Color
RYB	168, 208, 146
Decimal	13680786
CIELab	78.00, -1.34, 25.27
CIELCh	78, 25.306, 93.035
Yxy	53.2120, 0.3625, 0.3852
Android (android.graphics.Color)	4291870866 (0xFFD0C092)
YUV	191.5400, -22.4512, 14.4354
Hunter-Lab	72.9466, -5.1199, 22.7428

Details

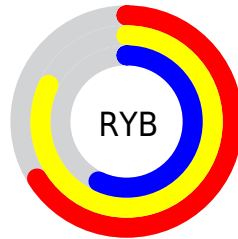
The CIELCh color **78, 25.306, 93.035** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **67, 25.785, 281.072**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 24.488, 102.083**, and **58, 25.500, 93.278** is the 20% darker color. If you saturate the color by 10%, you get **76, 33.911, 91.748**, and if you desaturate by 10%, it is **80, 16.726, 94.298**.

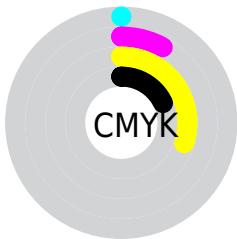
Distribution



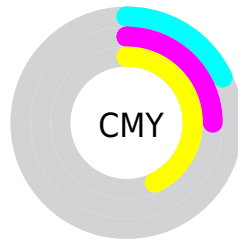
- Red (82%)
- Green (75%)
- Blue (57%)



- Red (66%)
- Yellow (82%)
- Blue (57%)



- Cyan (0%)
- Magenta (8%)
- Yellow (30%)
- Black (18%)



- Cyan (18%)
- Magenta (25%)
- Yellow (43%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 25.306, 93.035 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 78, 25.306, 93.035 by changing the saturation by 10% instead.

 78, 25.306, 93.035

 78, 25.306, 93.035

 100, 25.306,
93.035

 68, 25.306, 93.035

 98, 25.306, 93.035

 58, 25.306, 93.035

 48, 25.306, 93.035

 38, 25.306, 93.035

 28, 25.306, 93.035

 18, 25.306, 93.035

 8, 25.306, 93.035

 0, 25.306, 93.035

 78, 25.306, 93.035

 78, 25.306, 93.035

76, 33.911, 91.748

80, 16.726, 94.298

75, 42.430, 90.424

82, 8.223, 95.509

73, 50.667, 89.064

84, 0.174, 277.846

71, 58.280, 87.652

85, 8.455, 277.874

70, 64.724, 86.146

87, 16.617,
278.949

68, 69.271, 84.462

89, 16.754,
272.809

67, 71.650, 82.533

67, 71.693, 82.495

90, 14.812,
262.371

92, 13.482,
249.461

93, 12.939,
234.745

Harmonies

Complementary

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



78, 25.306, 93.035



67, 25.785, 281.072

Rectangle

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



78, 25.306, 93.035



78, 25.306, 143.035



78, 25.306, 273.035



78, 25.306, 323.035

Sweetspot

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



78, 25.307, 93.040



98, 8.900, 95.591



67, 25.792, 1.629



52, 6.192, 95.418



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



78, 25.307, 93.040



92, 36.149, 92.188



81, 32.899, 117.348



43, 4.778, 95.555



55, 61.298, 82.846



12, 17.910, 86.400

Inverse Universe

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



67, 25.785, 281.072



76, 37.055, 282.349



64, 35.090, 301.581



41, 4.811, 277.887



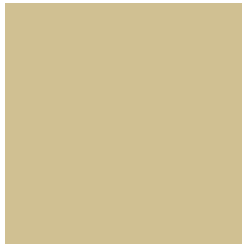
26, 79.427, 300.059



3, 21.079, 286.127

Previews

White Background



This preview shows how the CIELCh color 78, 25.306, 93.035 looks on a white background.

Color Contrast Check

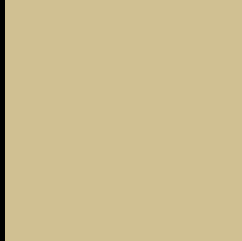
Large Text (above 18pt) WCAG AA × Fail

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 78, 25.306, 93.035 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

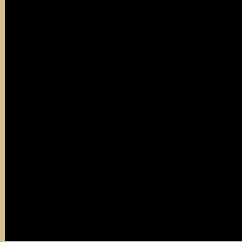
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 25.306, 93.035

Background



This preview shows how black text looks on a background with the CIELCh color 78, 25.306, 93.035.



This preview shows how white text looks on a background with the CIELCh color 78, 25.306, 93.035.

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

78, 25.306, 93.035

Protanopia

78, 25.500, 95.940

Deuteranopia

78, 26.875, 68.412



Tritanopia
78, 13.109, 345.733

Trichromacy



Original Color
78, 25.306, 93.035

Protanomaly
78, 25.591, 95.048

Deuteranomaly
78, 25.614, 77.447

Tritanomaly
78, 10.160, 44.754

Monochromacy



Original Color
78, 25.306, 93.035

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 9.345, 95.099

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 25.306, 93.035 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(208, 192, 146)` looks like.

```
.text, #text, p{  
    color:rgb(208, 192, 146)  
}
```

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(208, 192, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 192, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 25.306, 93.035 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(208, 192, 146) }
```

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

```
.border{ border-color:rgb(208, 192, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 192, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 192, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 192, 146);  
box-shadow:4px 4px 4px 4px rgb(208, 192,  
146) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 25.306, 93.035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 192, 146) }
```

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

```
.background{ background-color: rgb(208,  
192, 146) }
```

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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