

Converting Colors

CIELCh(78, 46.701, 97.604)

Have a look what the booklet for
CIELCh(78, 46.701, 97.604) contains.

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Color

CIELCh(78, 46.820, 97.460)

Conversions

Conversions Part 1

Format	Color
Hex	D2C269
RGB	210, 194, 105
RGB Percent	82%, 76%, 41%
CMY	0.1771, 0.2398, 0.5888
CMYK	0.00, 0.08, 0.50, 0.18
HSL	51°, 54%, 62%
HSV	51°, 50%, 82%
XYZ	48.3340, 53.2120, 21.0501
YIQ	188.6380, 38.1050, -24.2870

Conversions

Conversions Part 2

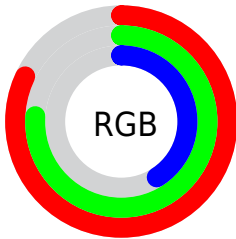
Format	Color
RYB	124, 210, 105
Decimal	13812329
CIELab	78.00, -6.08, 46.42
CIELCh	78, 46.820, 97.460
Yxy	53.2120, 0.3943, 0.4340
Android (android.graphics.Color)	4292002409 (0xFFD2C269)
YUV	188.6380, -41.2335, 18.7345
Hunter-Lab	72.9466, -9.3834, 33.9534

Details

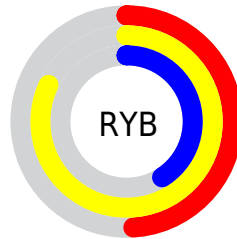
The CIELCh color **78, 46.820, 97.460** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **53, 51.351, 291.218**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 46.106, 104.141**, and **58, 47.003, 97.871** is the 20% darker color. If you saturate the color by 10%, you get **77, 55.413, 96.315**, and if you desaturate by 10%, it is **79, 37.730, 98.620**.

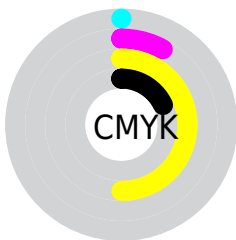
Distribution



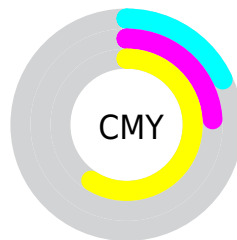
- Red (82%)
- Green (76%)
- Blue (41%)



- Red (49%)
- Yellow (82%)
- Blue (41%)



- Cyan (0%)
- Magenta (8%)
- Yellow (50%)
- Black (18%)



- Cyan (18%)
- Magenta (24%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 46.820, 97.460 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, 46.820, 97.460 by changing the saturation by 10% instead.

■ 78, 46.820, 97.460

■ 78, 46.820, 97.460

■ 100, 46.820,
97.460

■ 68, 46.820, 97.460

■ 98, 46.820, 97.460

■ 58, 46.820, 97.460

■ 48, 46.820, 97.460

■ 38, 46.820, 97.460

■ 28, 46.820, 97.460

■ 18, 46.820, 97.460

■ 8, 46.820, 97.460

■ 0, 46.820, 97.460

■ 78, 46.820, 97.460

■ 78, 46.820, 97.460

77, 55.413, 96.315

79, 37.730, 98.620

76, 63.118, 95.182

80, 28.385, 99.773

75, 69.373, 94.063

82, 18.933,
100.911

74, 73.534, 92.942

83, 9.460, 102.022

73, 75.506, 91.791

84, 0.017, 94.999

86, 9.370, 284.188

87, 18.685,
285.188

88, 18.787,
281.986

89, 17.305,
277.394

Harmonies

Complementary

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



78, 46.820, 97.460



53, 51.351, 291.218

Rectangle

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



78, 46.820, 97.460



78, 46.820, 147.460



78, 46.820, 277.460



78, 46.820, 327.460

Sweetspot

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



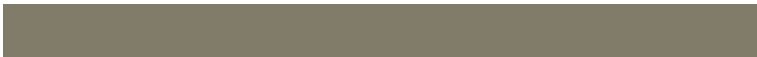
78, 46.821, 97.463



98, 16.597, 101.456



57, 44.150, 12.750



52, 11.328, 101.218



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, 46.821, 97.463



92, 64.801, 96.241



80, 55.431, 120.372



43, 5.336, 102.089



60, 64.155, 91.982



14, 19.955, 95.403

Inverse Universe

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



53, 51.351, 291.218



57, 73.581, 293.824



52, 61.570, 306.577



41, 5.414, 284.223



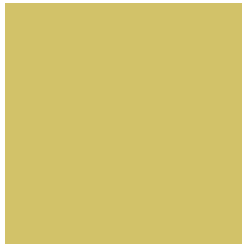
22, 89.373, 303.674



3, 22.871, 289.368

Previews

White Background



This preview shows how the CIELCh color 78, 46.820, 97.460 looks on a white background.

Color Contrast Check

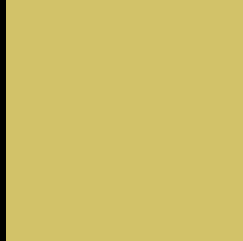
Large Text (above 18pt) WCAG AA × Fail

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 78, 46.820, 97.460 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, 46.820, 97.460

Background



This preview shows how black text looks on a background with the CIELCh color 78, 46.820, 97.460.



This preview shows how white text looks on a background with the CIELCh color 78, 46.820, 97.460.

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, 46.820, 97.460

Protanopia

78, 46.601, 95.837

Deuteranopia

78, 46.998, 77.688



Tritanopia
78, 15.610, 349.911

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 46.820, 97.460 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(210, 194, 105)` looks like.

```
.text, #text, p{  
    color:rgb(210, 194, 105)  
}
```

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(210, 194, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 194, 105) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 46.820, 97.460 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(210, 194, 105) }
```

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

```
.border{ border-color:rgb(210, 194, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 194, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 194, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 194, 105);  
box-shadow:4px 4px 4px 4px rgb(210, 194,  
105) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 46.820, 97.460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 194, 105) }
```

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

```
.background{ background-color: rgb(210,  
194, 105) }
```

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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