

Converting Colors

CIELCh(77, 25.670, 94.781)

Have a look what the booklet for
CIELCh(77, 25.670, 94.781) contains.

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Color

CIELCh(77, 25.664, 94.997)

Conversions

Conversions Part 1

Format	Color
Hex	CCBE8F
RGB	204, 190, 143
RGB Percent	80%, 75%, 56%
CMY	0.2008, 0.2556, 0.4399
CMYK	0.00, 0.07, 0.30, 0.20
HSL	46°, 37%, 68%
HSV	46°, 30%, 80%
XYZ	48.1645, 51.5317, 33.3220
YIQ	188.8280, 23.4310, -11.6490

Conversions

Conversions Part 2

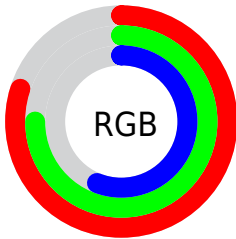
Format	Color
RYB	161, 204, 143
Decimal	13418127
CIELab	77.00, -2.24, 25.57
CIElCh	77, 25.664, 94.997
Yxy	51.5317, 0.3621, 0.3874
Android (android.graphics.Color)	4291608207 (0xFFCCBE8F)
YUV	188.8280, -22.5932, 13.3058
Hunter-Lab	71.7856, -5.8603, 22.7283

Details

The CIELCh color **77, 25.664, 94.997** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **65, 26.368, 282.888**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 25.119, 100.411**, and **57, 25.891, 95.329** is the 20% darker color. If you saturate the color by 10%, you get **75, 34.293, 93.746**, and if you desaturate by 10%, it is **79, 17.025, 96.228**.

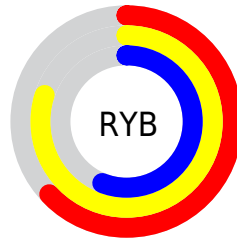
Distribution



Red (80%)

Green (75%)

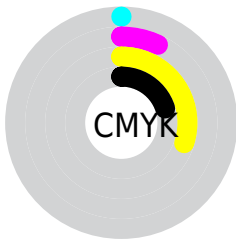
Blue (56%)



Red (63%)

Yellow (80%)

Blue (56%)

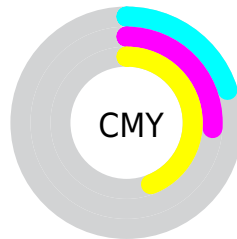


Cyan (0%)

Magenta (7%)

Yellow (30%)

Black (20%)



Cyan (20%)

Magenta (26%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 25.664, 94.997 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 77, 25.664, 94.997 by changing the saturation by 10% instead.

■ 77, 25.664, 94.997

■ 77, 25.664, 94.997

■ 100, 25.664,
94.997

■ 67, 25.664, 94.997

■ 97, 25.664, 94.997

■ 57, 25.664, 94.997

■ 47, 25.664, 94.997

■ 37, 25.664, 94.997

■ 27, 25.664, 94.997

■ 17, 25.664, 94.997

■ 7, 25.664, 94.997

■ 0, 25.664, 94.997

■ 77, 25.664, 94.997

■ 77, 25.664, 94.997

75, 34.293, 93.746

79, 17.025, 96.228

74, 42.791, 92.464

80, 8.434, 97.412

72, 50.955, 91.158

82, 0.074, 280.980

71, 58.435, 89.816

84, 8.484, 279.721

70, 64.691, 88.408

86, 16.791,
280.775

68, 69.029, 86.871

87, 19.858,
278.336

67, 71.254, 85.154

67, 71.270, 85.141

88, 17.859,
271.372

89, 16.180,
262.879

91, 14.925,
252.770

Harmonies

Complementary

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



77, 25.664, 94.997



65, 26.368, 282.888

Rectangle

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



77, 25.664, 94.997



77, 25.664, 144.997



77, 25.664, 274.997



77, 25.664, 324.997

Sweetspot

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



77, 25.665, 95.002



98, 9.170, 97.505



66, 25.220, 4.083



52, 6.378, 97.335



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



77, 25.665, 95.002



93, 37.084, 94.183



79, 32.646, 118.716



42, 4.823, 97.473



56, 61.198, 85.442



11, 16.978, 89.369

Inverse Universe

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



65, 26.368, 282.888



76, 38.408, 284.125



63, 34.747, 302.709



40, 4.868, 279.745



24, 81.358, 301.176



3, 19.845, 286.002

Previews

White Background



This preview shows how the CIELCh color 77, 25.664, 94.997 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 77, 25.664, 94.997 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

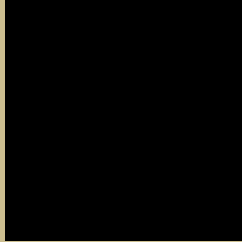
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 25.664, 94.997

Background



This preview shows how black text looks on a background with the CIELCh color 77, 25.664, 94.997.



This preview shows how white text looks on a background with the CIELCh color 77, 25.664, 94.997.

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

77, 25.664, 94.997

Protanopia

77, 25.664, 94.997

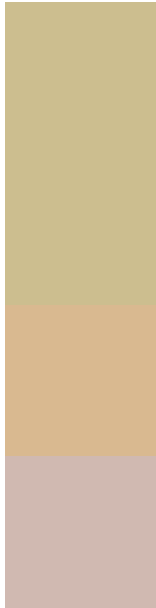
Deuteranopia

77, 26.973, 68.358



Tritanopia
77, 12.529, 343.706

Trichromacy



Original Color
77, 25.664, 94.997

Protanomaly
77, 25.664, 94.997

Deuteranomaly
77, 25.700, 77.388

Tritanomaly
77, 9.840, 45.684

Monochromacy



Original Color
77, 25.664, 94.997

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 9.287, 97.391

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 25.664, 94.997 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(204, 190, 143)` looks like.

```
.text, #text, p{  
    color:rgb(204, 190, 143)  
}
```

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(204, 190, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 190, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 25.664, 94.997 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(204, 190, 143) }
```

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

```
.border{ border-color:rgb(204, 190, 143) }
```

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

Here you see how a box with a 4 pixel rgb(204, 190, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 190, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 190, 143);  
box-shadow:4px 4px 4px 4px rgb(204, 190,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 25.664, 94.997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 190, 143) }
```

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

```
.background{ background-color: rgb(204,  
190, 143) }
```

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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