

Converting Colors

CIELCh(77, 29.328, 95.361)

Have a look what the booklet for
CIELCh(77, 29.328, 95.361) contains.

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Color

CIELCh(77, 29.355, 95.336)

Conversions

Conversions Part 1

Format	Color
Hex	CDBE88
RGB	205, 190, 136
RGB Percent	80%, 75%, 53%
CMY	0.1964, 0.2552, 0.4670
CMYK	0.00, 0.07, 0.34, 0.20
HSL	47°, 41%, 67%
HSV	47°, 34%, 80%
XYZ	47.9855, 51.5317, 30.6794
YIQ	188.3290, 26.2740, -13.6140

Conversions

Conversions Part 2

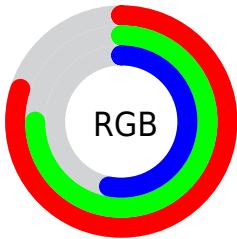
Format	Color
R _{YB}	155, 205, 136
Decimal	13483656
CIE Lab	77.00, -2.73, 29.23
CIE LCh	77, 29.355, 95.336
Yxy	51.5317, 0.3686, 0.3958
Android (android.graphics.Color)	4291673736 (0xFFCDBE88)
YUV	188.3290, -25.7982, 14.6205
Hunter-Lab	71.7856, -6.3055, 24.9108

Details

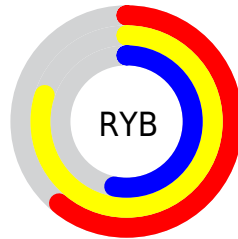
The CIELCh color **77, 29.355, 95.336** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **63, 30.409, 284.303**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 28.617, 101.033**, and **57, 29.211, 95.277** is the 20% darker color. If you saturate the color by 10%, you get **76, 38.058, 94.091**, and if you desaturate by 10%, it is **79, 20.589, 96.565**.

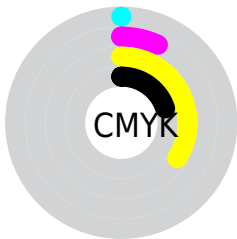
Distribution



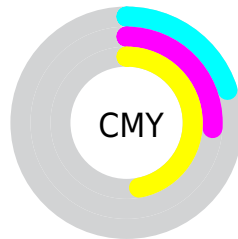
- Red (80%)
- Green (75%)
- Blue (53%)



- Red (61%)
- Yellow (80%)
- Blue (53%)



- Cyan (0%)
- Magenta (7%)
- Yellow (34%)
- Black (20%)



- Cyan (20%)
- Magenta (26%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 29.355, 95.336 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, 29.355, 95.336 by changing the saturation by 10% instead.

■ 77, 29.355, 95.336

■ 77, 29.355, 95.336

■ 100, 29.355,
95.336

■ 67, 29.355, 95.336

■ 97, 29.355, 95.336

■ 57, 29.355, 95.336

■ 47, 29.355, 95.336

■ 37, 29.355, 95.336

■ 27, 29.355, 95.336

■ 17, 29.355, 95.336

■ 7, 29.355, 95.336

■ 0, 29.355, 95.336

■ 77, 29.355, 95.336

■ 77, 29.355, 95.336

76, 38.058, 94.091

79, 20.589, 96.565

74, 46.546, 92.820

80, 11.841, 97.755

73, 54.559, 91.527

82, 3.156, 98.875

71, 61.675, 90.200

83, 5.442, 280.079

70, 67.280, 88.803

85, 13.944,
281.133

69, 70.692, 87.266

87, 20.365,
280.932

68, 71.892, 86.221

88, 18.354,
274.759

89, 16.601,
267.233

90, 15.192,
258.192

Harmonies

Complementary

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



77, 29.355, 95.336



63, 30.409, 284.303

Rectangle

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



77, 29.355, 95.336



77, 29.355, 145.336



77, 29.355, 275.336



77, 29.355, 325.336

Sweetspot

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



77, 29.356, 95.341



98, 10.325, 98.165



64, 28.689, 4.644



52, 7.050, 98.001



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, 29.356, 95.341



92, 41.653, 94.488



80, 36.800, 118.489



42, 4.884, 98.249



56, 61.487, 86.510



12, 17.198, 90.465

Inverse Universe

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



63, 30.409, 284.303



73, 43.594, 285.665



61, 39.527, 303.041



40, 4.934, 280.498



24, 82.544, 301.625



3, 20.032, 286.400

Previews

White Background



This preview shows how the CIELCh color 77, 29.355, 95.336 looks on a white background.

Color Contrast Check

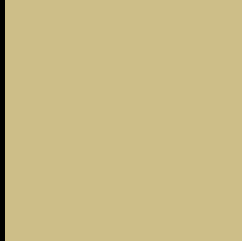
Large Text (above 18pt) WCAG AA × Fail

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 77, 29.355, 95.336 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

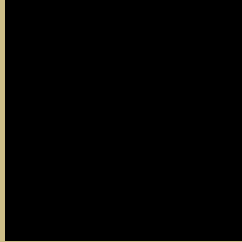
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 29.355, 95.336

Background



This preview shows how black text looks on a background with the CIELCh color 77, 29.355, 95.336.

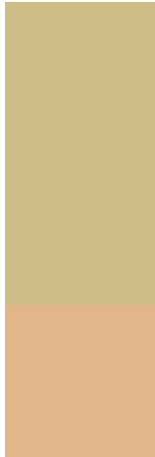


This preview shows how white text looks on a background with the CIELCh color 77, 29.355, 95.336.

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, 29.355, 95.336

Protanopia

77, 29.355, 95.336

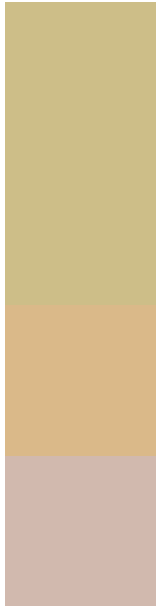
Deuteranopia

77, 29.866, 71.166



Tritanopia
77, 13.455, 346.704

Trichromacy



Original Color
77, 29.355, 95.336

Protanomaly
77, 29.355, 95.336

Deuteranomaly
77, 29.228, 79.822

Tritanomaly
77, 11.023, 52.125

Monochromacy



Original Color
77, 29.355, 95.336

Achromatopsia
76, 0.009, 296.813

Achromatomaly
77, 10.865, 98.932

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 29.355, 95.336 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(205, 190, 136)` looks like.

```
.text, #text, p{  
    color:rgb(205, 190, 136)  
}
```

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(205, 190, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 190, 136) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 29.355, 95.336 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(205, 190, 136) }
```

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

```
.border{ border-color:rgb(205, 190, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 190, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 190, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 190, 136);  
box-shadow:4px 4px 4px 4px rgb(205, 190,  
136) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 29.355, 95.336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 190, 136) }
```

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

```
.background{ background-color: rgb(205,  
190, 136) }
```

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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