

Converting Colors

CIELCh(77, 7.565, 99.355)

Have a look what the booklet for
CIELCh(77, 7.565, 99.355) contains.

CIELCh(77, 7.629, 97.953)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(77, 7.629, 97.953)

Conversions

Conversions Part 1

Format	Color
Hex	C2BEB0
RGB	194, 190, 176
RGB Percent	76%, 75%, 69%
CMY	0.2386, 0.2542, 0.3092
CMYK	0.00, 0.02, 0.09, 0.24
HSL	47°, 13%, 73%
HSV	47°, 9%, 76%
XYZ	48.5935, 51.5317, 48.5454
YIQ	189.6000, 6.8780, -3.5060

Conversions

Conversions Part 2

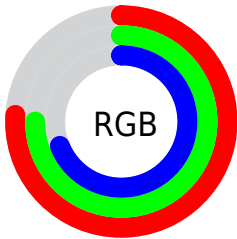
Format	Color
RYB	181, 194, 176
Decimal	12762800
CIELab	77.00, -1.06, 7.56
CIELCh	77, 7.629, 97.953
Yxy	51.5317, 0.3269, 0.3466
Android (android.graphics.Color)	4290952880 (0xFFC2BEB0)
YUV	189.6000, -6.7048, 3.8588
Hunter-Lab	71.7856, -4.7937, 10.1548

Details

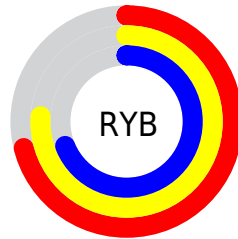
The CIELCh color $77, 7.629, 97.953$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $73, 7.705, 280.187$, and the grayscale version is $77, 0.009, 296.813$.

A 20% lighter version of the original color is $97, 7.342, 95.403$, and $57, 7.475, 99.885$ is the 20% darker color. If you saturate the color by 10%, you get $75, 15.943, 96.796$, and if you desaturate by 10%, it is $79, 0.606, 279.404$.

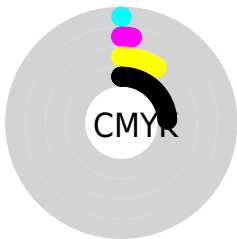
Distribution



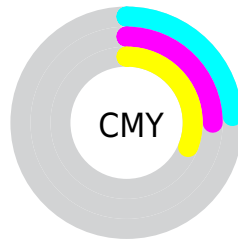
- Red (76%)
- Green (75%)
- Blue (69%)



- Red (71%)
- Yellow (76%)
- Blue (69%)



- Cyan (0%)
- Magenta (2%)
- Yellow (9%)
- Black (24%)



- Cyan (24%)
- Magenta (25%)
- Yellow (31%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 7.629, 97.953 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, 7.629, 97.953 by changing the saturation by 10% instead.

 77, 7.629, 97.953  77, 7.629, 97.953

 100, 7.629, 97.953  67, 7.629, 97.953

 97, 7.629, 97.953  57, 7.629, 97.953

 47, 7.629, 97.953


 37, 7.629, 97.953

 27, 7.629, 97.953

 17, 7.629, 97.953

 7, 7.629, 97.953

 0, 7.629, 97.953

 77, 7.629, 97.953  77, 7.629, 97.953

75, 15.943, 96.796

79, 0.606, 279.404

74, 24.300, 95.585

80, 8.753, 280.248

72, 32.642, 94.344

82, 16.804,
281.292

71, 40.861, 93.080

84, 24.758,
282.292

70, 48.766, 91.794

68, 56.034, 90.478

85, 23.306,
277.995

67, 62.165, 89.108

86, 21.427,
272.574

66, 66.506, 87.628

65, 68.797, 85.988

87, 19.771,
266.226

88, 18.394,
258.877

89, 17.357,
250.552

Harmonies

Complementary

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



77, 7.629, 97.953



73, 7.705, 280.187

Rectangle

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



77, 7.629, 97.953



77, 7.629, 147.953



77, 7.629, 277.953



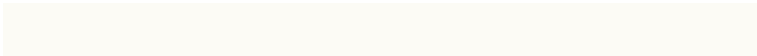
77, 7.629, 327.953

Sweetspot

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



77, 7.630, 97.966



99, 3.038, 98.637



73, 7.179, 1.550



53, 2.325, 98.559



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, 7.630, 97.966



97, 11.217, 97.748



78, 9.785, 119.993



40, 4.659, 97.956



54, 59.987, 86.143



9, 14.123, 90.932

Inverse Universe

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



73, 7.705, 280.187



92, 11.340, 280.433



73, 9.973, 301.119



38, 4.705, 280.199



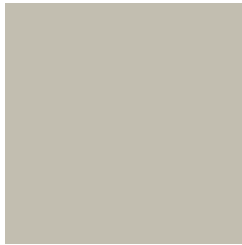
23, 80.033, 301.382



2, 16.480, 284.316

Previews

White Background



This preview shows how the CIELCh color 77, 7.629, 97.953 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, 7.629, 97.953 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

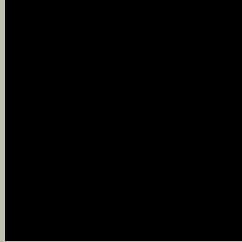
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 7.629, 97.953

Background



This preview shows how black text looks on a background with the CIELCh color 77, 7.629, 97.953.



This preview shows how white text looks on a background with the CIELCh color 77, 7.629, 97.953.

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, 7.629, 97.953

Protanopia

77, 7.582, 85.753

Deuteranopia

77, 12.039, 35.652



Tritanopia
77, 9.217, 319.116

Trichromacy



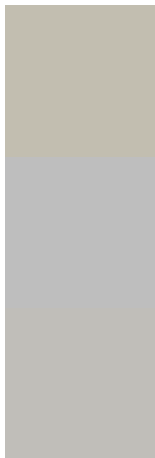
Original Color
77, 7.629, 97.953

Protanomaly
77, 7.437, 88.468

Deuteranomaly
77, 9.072, 51.826

Tritanomaly
77, 3.984, 347.042

Monochromacy



Original Color
77, 7.629, 97.953

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 2.765, 94.242

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 7.629, 97.953 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(194, 190, 176)` looks like.

```
.text, #text, p{  
    color:rgb(194, 190, 176)  
}
```

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(194, 190, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 190, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 7.629, 97.953 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(194, 190, 176) }
```

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

```
.border{ border-color:rgb(194, 190, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 190, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(194, 190, 176); -webkit-box-shadow:4px 4px 4px 4px rgb(194, 190, 176); box-shadow:4px 4px 4px 4px rgb(194, 190, 176) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 7.629, 97.953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 190, 176) }
```

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

```
.background{ background-color: rgb(194,  
190, 176) }
```

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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