

Converting Colors

CIELCh(77, 7.182, 96.461)

Have a look what the booklet for
CIELCh(77, 7.182, 96.461) contains.

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Color

CIELCh(77, 7.105, 97.164)

Conversions

Conversions Part 1

Format	Color
Hex	C2BEB1
RGB	194, 190, 177
RGB Percent	76%, 75%, 69%
CMY	0.2388, 0.2545, 0.3055
CMYK	0.00, 0.02, 0.09, 0.24
HSL	46°, 12%, 73%
HSV	46°, 9%, 76%
XYZ	48.6553, 51.5317, 49.0294
YIQ	189.7140, 6.5570, -3.1950

Conversions

Conversions Part 2

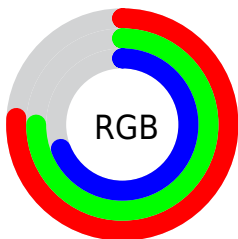
Format	Color
RYB	182, 194, 177
Decimal	12762801
CIELab	77.00, -0.89, 7.05
CIElCh	77, 7.105, 97.164
Yxy	51.5317, 0.3261, 0.3453
Android (android.graphics.Color)	4290952881 (0xFFC2BEB1)
YUV	189.7140, -6.2680, 3.7588
Hunter-Lab	71.7856, -4.6400, 9.7550

Details

The CIELCh color `77, 7.105, 97.164` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `74, 7.167, 279.299`, and the grayscale version is `77, 0.009, 296.813`.

A 20% lighter version of the original color is `97, 6.848, 94.416`, and `57, 7.475, 99.885` is the 20% darker color. If you saturate the color by 10%, you get `75, 15.310, 95.999`, and if you desaturate by 10%, it is `79, 1.011, 278.526`.

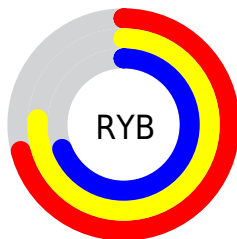
Distribution



Red (76%)

Green (75%)

Blue (69%)



Red (71%)

Yellow (76%)

Blue (69%)

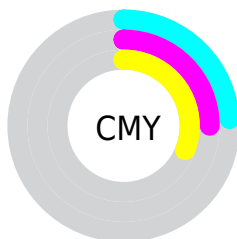


Cyan (0%)

Magenta (2%)

Yellow (9%)

Black (24%)



Cyan (24%)

Magenta (25%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 7.105, 97.164 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, 7.105, 97.164 by changing the saturation by 10% instead.

 77, 7.105, 97.164  77, 7.105, 97.164

 100, 7.105, 97.164  67, 7.105, 97.164

 97, 7.105, 97.164  57, 7.105, 97.164

 47, 7.105, 97.164

 37, 7.105, 97.164

 27, 7.105, 97.164

 17, 7.105, 97.164

 7, 7.105, 97.164

 0, 7.105, 97.164

 77, 7.105, 97.164

 77, 7.105, 97.164

75, 15.310, 95.999

79, 1.011, 278.526

74, 23.571, 94.776

80, 9.032, 279.481

72, 31.836, 93.520

82, 16.951,
280.532

71, 40.004, 92.238

84, 24.769,
281.539

69, 47.893, 90.928

68, 55.196, 89.583

85, 22.770,
276.528

67, 61.424, 88.173

86, 20.850,
270.498

65, 65.921, 86.637

64, 68.331, 84.909

87, 19.200,
263.396

89, 17.890,
255.168

90, 16.991,
245.924

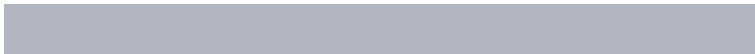
Harmonies

Complementary

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



77, 7.105, 97.164



74, 7.167, 279.299

Rectangle

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



77, 7.105, 97.164



77, 7.105, 147.164



77, 7.105, 277.164



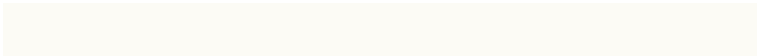
77, 7.105, 327.164

Sweetspot

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



77, 7.106, 97.178



98, 2.996, 97.795



74, 6.820, 0.273



53, 2.293, 97.716



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, 7.106, 97.178



97, 11.066, 96.899



78, 9.221, 119.375



40, 4.596, 97.109



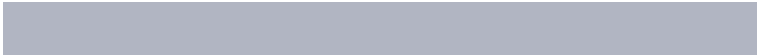
54, 59.694, 84.988



9, 13.903, 89.663

Inverse Universe

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



74, 7.167, 279.299



92, 11.174, 279.613



73, 9.393, 300.469



38, 4.636, 279.377



23, 78.767, 300.883



3, 16.312, 283.838

Previews

White Background



This preview shows how the CIELCh color 77, 7.105, 97.164 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, 7.105, 97.164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

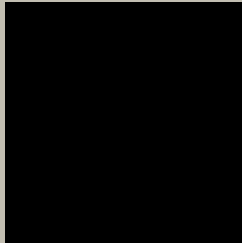
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

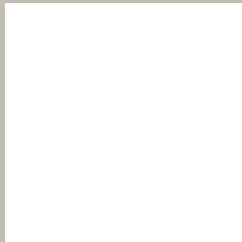
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 7.105, 97.164

Background



This preview shows how black text looks on a background with the CIELCh color 77, 7.105, 97.164.



This preview shows how white text looks on a background with the CIELCh color 77, 7.105, 97.164.

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, 7.105, 97.164

Protanopia

77, 7.092, 84.101

Deuteranopia

77, 11.644, 36.140



Tritanopia
77, 8.564, 318.660

Trichromacy



Original Color
77, 7.105, 97.164

Protanomaly
77, 6.937, 86.968

Deuteranomaly
77, 8.784, 48.951

Tritanomaly
77, 3.984, 347.042

Monochromacy



Original Color
77, 7.105, 97.164

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 2.692, 101.945

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 7.105, 97.164 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, 177)` looks like.

```
.text, #text, p{  
    color:rgb(194, 190, 177)  
}
```

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, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 190, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 7.105, 97.164 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, 177) }
```

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

```
.border{ border-color:rgb(194, 190, 177) }
```

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, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 190, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 190, 177);  
box-shadow:4px 4px 4px 4px rgb(194, 190,  
177) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 7.105, 97.164 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, 177) }
```

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

```
.background{ background-color: rgb(194,  
190, 177) }
```

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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