

Converting Colors

CIELCh(78, 5.882, 93.375)

Have a look what the booklet for
CIELCh(78, 5.882, 93.375) contains.

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Color

CIELCh(78, 6.044, 95.165)

Conversions

Conversions Part 1

Format	Color
Hex	C5C1B6
RGB	197, 193, 182
RGB Percent	77%, 76%, 71%
CMY	0.2286, 0.2442, 0.2874
CMYK	0.00, 0.02, 0.08, 0.23
HSL	44°, 11%, 74%
HSV	44°, 8%, 77%
XYZ	50.3729, 53.2120, 51.7199
YIQ	192.9420, 5.9150, -2.5730

Conversions

Conversions Part 2

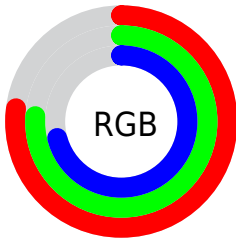
Format	Color
RYB	187, 197, 182
Decimal	12960182
CIELab	78.00, -0.54, 6.02
CIElCh	78, 6.044, 95.165
Yxy	53.2120, 0.3243, 0.3426
Android (android.graphics.Color)	4291150262 (0xFFC5C1B6)
YUV	192.9420, -5.3944, 3.5589
Hunter-Lab	72.9466, -4.3941, 9.0254

Details

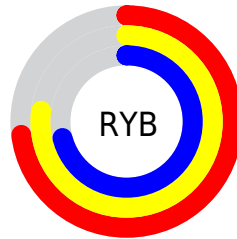
The CIELCh color **78, 6.044, 95.165** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75, 6.082, 277.083**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 5.854, 91.933**, and **58, 6.331, 98.424** is the 20% darker color. If you saturate the color by 10%, you get **76, 14.084, 93.983**, and if you desaturate by 10%, it is **80, 1.883, 276.492**.

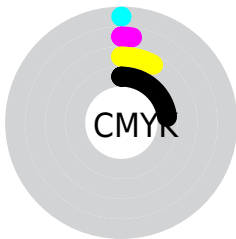
Distribution



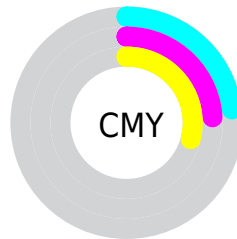
- Red (77%)
- Green (76%)
- Blue (71%)



- Red (73%)
- Yellow (77%)
- Blue (71%)



- Cyan (0%)
- Magenta (2%)
- Yellow (8%)
- Black (23%)



- Cyan (23%)
- Magenta (24%)
- Yellow (29%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 6.044, 95.165 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, 6.044, 95.165 by changing the saturation by 10% instead.

 78, 6.044, 95.165  78, 6.044, 95.165

 100, 6.044, 95.165  68, 6.044, 95.165

 98, 6.044, 95.165  58, 6.044, 95.165

 48, 6.044, 95.165


 38, 6.044, 95.165

 28, 6.044, 95.165

 18, 6.044, 95.165

 8, 6.044, 95.165

 0, 6.044, 95.165

 78, 6.044, 95.165  78, 6.044, 95.165

76, 14.084, 93.983

80, 1.883, 276.492

74, 22.213, 92.731

82, 9.696, 277.537

73, 30.388, 91.442

84, 17.393,
278.606

71, 38.524, 90.119

85, 22.240,
277.647

69, 46.460, 88.760

68, 53.917, 87.352

87, 20.013,
270.568

66, 60.427, 85.855

88, 18.157,
261.960

65, 65.329, 84.195

64, 68.071, 82.270

90, 16.785,
251.760

91, 16.011,
240.261

92, 15.912,
228.201

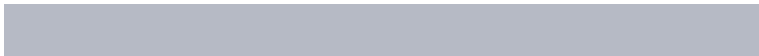
Harmonies

Complementary

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



78, 6.044, 95.165



75, 6.082, 277.083

Rectangle

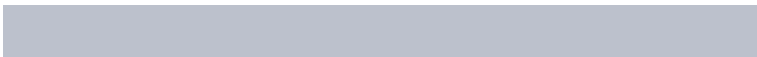
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78, 6.044, 95.165



78, 6.044, 145.165



78, 6.044, 275.165



78, 6.044, 325.165

Sweetspot

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



78, 6.045, 95.182



100, 1.942, 95.755



75, 6.030, 358.947



53, 1.104, 95.761



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, 6.045, 95.182



98, 8.823, 95.006



79, 8.095, 118.795



41, 4.545, 94.976



53, 59.791, 82.136



10, 14.893, 86.097

Inverse Universe

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



75, 6.082, 277.083



94, 8.878, 277.277



75, 8.232, 299.772



39, 4.573, 277.310



25, 76.588, 299.616



3, 17.603, 283.667

Previews

White Background



This preview shows how the CIELCh color 78, 6.044, 95.165 looks on a white background.

Color Contrast Check

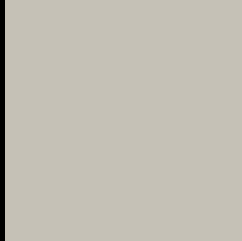
Large Text (above 18pt) WCAG AA × Fail

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 78, 6.044, 95.165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

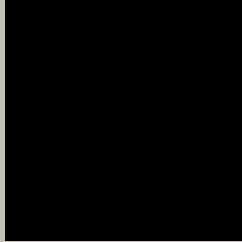
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

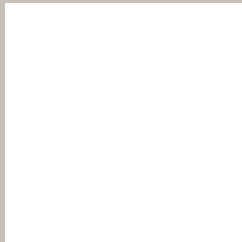
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 6.044, 95.165

Background



This preview shows how black text looks on a background with the CIELCh color 78, 6.044, 95.165.

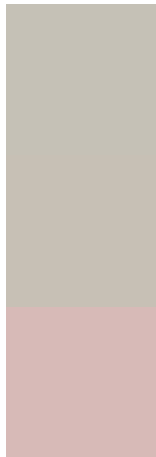


This preview shows how white text looks on a background with the CIELCh color 78, 6.044, 95.165.

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, 6.044, 95.165

Protanopia

78, 6.424, 85.245

Deuteranopia

78, 11.207, 28.413



Tritanopia
78, 9.022, 317.066

Trichromacy



Original Color
78, 6.044, 95.165

Protanomaly
78, 6.278, 88.420

Deuteranomaly
78, 8.059, 39.197

Tritanomaly
78, 4.643, 335.904

Monochromacy



Original Color
78, 6.044, 95.165

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 2.156, 100.046

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 6.044, 95.165 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(197, 193, 182)` looks like.

```
.text, #text, p{  
    color:rgb(197, 193, 182)  
}
```

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(197, 193, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 193, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 6.044, 95.165 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(197, 193, 182) }
```

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

```
.border{ border-color:rgb(197, 193, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 193, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 193, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 193, 182);  
box-shadow:4px 4px 4px 4px rgb(197, 193,  
182) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 6.044, 95.165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 193, 182) }
```

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

```
.background{ background-color: rgb(197,  
193, 182) }
```

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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