

Converting Colors

CIELCh(75, 18.704, 53.737)

Have a look what the booklet for
CIELCh(75, 18.704, 53.737) contains.

CIELCh(75, 18.477, 53.680)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(75, 18.477, 53.680)

Conversions

Conversions Part 1

Format	Color
Hex	D7B19E
RGB	215, 177, 158
RGB Percent	84%, 69%, 62%
CMY	0.1574, 0.3064, 0.3809
CMYK	0.00, 0.18, 0.27, 0.16
HSL	20°, 42%, 73%
HSV	20°, 27%, 84%
XYZ	49.8359, 48.2781, 38.9780
YIQ	186.1960, 28.7470, 2.1470

Conversions

Conversions Part 2

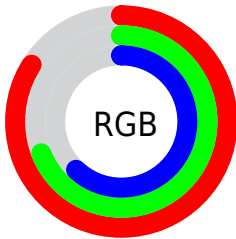
Format	Color
R _Y B	215, 187, 158
Decimal	14135710
CIE Lab	75.00, 10.94, 14.89
CIE LCh	75, 18.477, 53.680
Yxy	48.2781, 0.3635, 0.3522
Android (android.graphics.Color)	4292325790 (0xFFD7B19E)
YUV	186.1960, -13.9006, 25.2611
Hunter-Lab	69.4824, 6.4338, 15.3774

Details

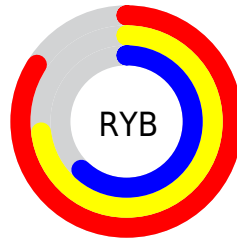
The CIELCh color $75, 18.477, 53.680$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $77, 15.968, 238.627$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 13.155, 70.781$, and $55, 18.216, 52.619$ is the 20% darker color. If you saturate the color by 10%, you get $71, 26.409, 53.055$, and if you desaturate by 10%, it is $79, 11.096, 54.382$.

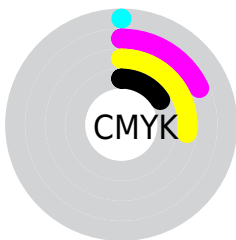
Distribution



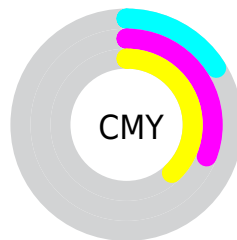
- Red (84%)
- Green (69%)
- Blue (62%)



- Red (84%)
- Yellow (73%)
- Blue (62%)



- Cyan (0%)
- Magenta (18%)
- Yellow (27%)
- Black (16%)



- Cyan (16%)
- Magenta (31%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 18.477, 53.680 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 75, 18.477, 53.680 by changing the saturation by 10% instead.

75, 18.477, 53.680

75, 18.477, 53.680

100, 18.477,
53.680

65, 18.477, 53.680

95, 18.477, 53.680

55, 18.477, 53.680

45, 18.477, 53.680

35, 18.477, 53.680

25, 18.477, 53.680

15, 18.477, 53.680

5, 18.477, 53.680

0, 18.477, 53.680

75, 18.477, 53.680

75, 18.477, 53.680

71, 26.409, 53.055

79, 11.096, 54.382

67, 34.914, 52.506

83, 4.225, 55.071

64, 43.970, 52.047

87, 2.183, 236.226

60, 53.465, 51.659

92, 8.180, 236.870

57, 63.107, 51.256

96, 11.667,
215.514

54, 72.227, 50.603

97, 13.459,
198.607

51, 79.587, 49.239

51, 81.885, 48.777

Harmonies

Complementary

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



75, 18.477, 53.680



77, 15.968, 238.627

Rectangle

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



75, 18.477, 53.680



75, 18.477, 103.680



75, 18.477, 233.680



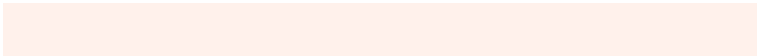
75, 18.477, 283.680

Sweetspot

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



75, 18.476, 53.689



96, 5.987, 54.973



71, 29.352, 337.639



51, 4.278, 54.871



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



75, 18.476, 53.689



85, 26.172, 53.313



82, 25.209, 99.338



43, 3.705, 54.884



41, 68.631, 49.340



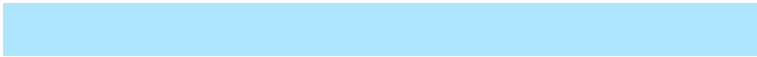
8, 17.984, 40.776

Inverse Universe

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



77, 15.968, 238.627



88, 21.805, 239.513



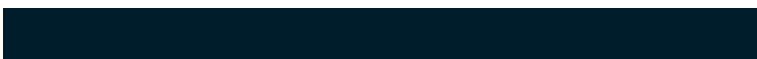
69, 26.164, 285.894



43, 3.537, 236.631



46, 38.256, 261.759



9, 13.636, 250.523

Previews

White Background



This preview shows how the CIELCh color 75, 18.477, 53.680 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 75, 18.477, 53.680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

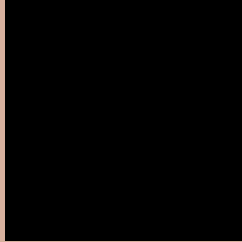
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 18.477, 53.680

Background



This preview shows how black text looks on a background with the CIELCh color 75, 18.477, 53.680.



This preview shows how white text looks on a background with the CIELCh color 75, 18.477, 53.680.

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

75, 18.477, 53.680

Protanopia

75, 12.448, 90.701

Deuteranopia

75, 17.458, 57.957



Tritanopia
75, 18.418, 358.845

Trichromacy



Original Color
75, 18.477, 53.680

Protanomaly
75, 14.062, 72.847

Deuteranomaly
75, 17.785, 57.163

Tritanomaly
75, 16.681, 17.161

Monochromacy



Original Color
75, 18.477, 53.680

Achromatopsia
76, 0.009, 296.813

Achromatomaly
75, 6.216, 56.829

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 18.477, 53.680 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(215, 177, 158)` looks like.

```
.text, #text, p{  
    color:rgb(215, 177, 158)  
}
```

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(215, 177, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 177, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 18.477, 53.680 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(215, 177, 158) }
```

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

```
.border{ border-color:rgb(215, 177, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 177, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 177, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 177, 158);  
box-shadow:4px 4px 4px 4px rgb(215, 177,  
158) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 18.477, 53.680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 177, 158) }
```

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

```
.background{ background-color: rgb(215,  
177, 158) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor