

Converting Colors

CIELCh(65, 14.886, 20.812)

Have a look what the booklet for
CIELCh(65, 14.886, 20.812) contains.

| | |
|--|----|
| CIELCh(65, 14.805, 20.805) | 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(65, 14.805, 20.805)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | BA9595 |
| RGB | 186, 149, 149 |
| RGB Percent | 73%, 58%, 58% |
| CMY | 0.2711, 0.4161, 0.4161 |
| CMYK | 0.00, 0.20, 0.20, 0.27 |
| HSL | 0°, 21%, 66% |
| HSV | 0°, 20%, 73% |
| XYZ | 36.3637, 34.0472, 33.0396 |
| YIQ | 160.0630, 22.0520, 7.8440 |

Conversions

Conversions Part 2

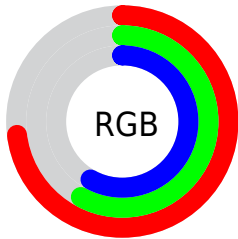
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 186, 149, 149 |
| Decimal | 12227989 |
| CIE Lab | 65.00, 13.84, 5.26 |
| CIE LCh | 65, 14.805, 20.805 |
| Yxy | 34.0472, 0.3515, 0.3291 |
| Android (android.graphics.Color) | 4290418069 (0xFFBA9595) |
| YUV | 160.0630, -5.4541, 22.7467 |
| Hunter-Lab | 58.3500, 9.1287, 7.2731 |

Details

The CIELCh color $65, 14.805, 20.805$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $73, 13.006, 198.418$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 15.037, 20.520$, and $45, 14.777, 21.317$ is the 20% darker color. If you saturate the color by 10%, you get $60, 23.100, 21.872$, and if you desaturate by 10%, it is $70, 7.084, 19.967$.

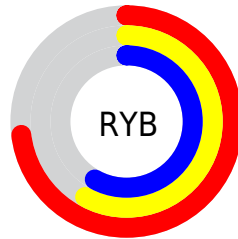
Distribution



Red (73%)

Green (58%)

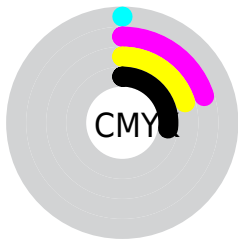
Blue (58%)



Red (73%)

Yellow (58%)

Blue (58%)

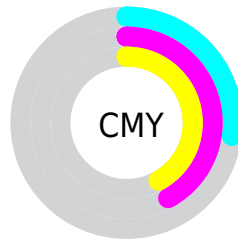


Cyan (0%)

Magenta (20%)

Yellow (20%)

Black (27%)



Cyan (27%)

Magenta (42%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 14.805, 20.805 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 65, 14.805, 20.805 by changing the saturation by 10% instead.

65, 14.805, 20.805

65, 14.805, 20.805

100, 14.805,
20.805

55, 14.805, 20.805

85, 14.805, 20.805

45, 14.805, 20.805

95, 14.805, 20.805

35, 14.805, 20.805

25, 14.805, 20.805

15, 14.805, 20.805

5, 14.805, 20.805

0, 14.805, 20.805

65, 14.805, 20.805

65, 14.805, 20.805

60, 23.100, 21.872

70, 7.084, 19.967

■ 55, 31.932, 23.245

■ 76, 0.067, 207.257

■ 51, 41.185, 25.034

■ 81, 6.681, 198.998

■ 47, 50.661, 27.347

■ 86, 12.808,
198.569

■ 44, 60.066, 30.255

■ 92, 18.501,
198.242

■ 41, 68.990, 33.682

■ 39, 76.684, 37.155

■ 96, 22.305,
198.043

■ 39, 82.399, 39.970

■ 39, 82.459, 40.000

Harmonies

Complementary

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



65, 14.805, 20.805



73, 13.006, 198.418

Rectangle

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



65, 14.805, 20.805



65, 14.805, 70.805



65, 14.805, 200.805



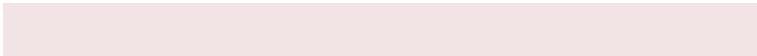
65, 14.805, 250.805

Sweetspot

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



65, 14.803, 20.812



92, 5.244, 19.662



66, 24.617, 325.511



49, 3.516, 19.717



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



65, 14.803, 20.812



80, 22.523, 21.256



70, 12.550, 72.970



36, 4.003, 19.922



32, 71.869, 39.600



2, 10.637, 19.410

Inverse Universe

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



73, 13.006, 198.418



92, 19.162, 198.200



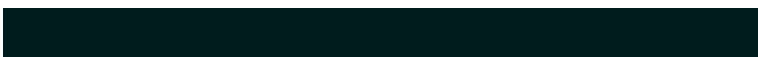
68, 11.916, 258.255



38, 3.777, 198.992



58, 34.640, 196.399



8, 10.517, 197.749

Previews

White Background



This preview shows how the CIELCh color 65, 14.805, 20.805 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 65, 14.805, 20.805 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

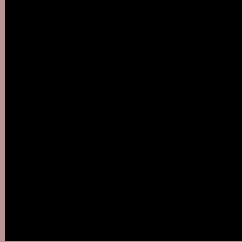
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 14.805, 20.805

Background



This preview shows how black text looks on a background with the CIELCh color 65, 14.805, 20.805.



This preview shows how white text looks on a background with the CIELCh color 65, 14.805, 20.805.

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

65, 14.805, 20.805

Protanopia

65, 2.930, 68.441

Deuteranopia

65, 9.970, 36.240



Tritanopia
65, 16.944, 358.129

Trichromacy



Original Color
65, 14.805, 20.805

Protanomaly
65, 6.765, 29.340

Deuteranomaly
65, 11.418, 31.495

Tritanomaly
65, 15.840, 6.901

Monochromacy



Original Color
65, 14.805, 20.805

Achromatopsia
66, 0.008, 296.813

Achromatomaly
65, 5.048, 19.781

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 14.805, 20.805 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(186, 149, 149)` looks like.

```
.text, #text, p{  
    color:rgb(186, 149, 149)  
}
```

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(186, 149, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 149, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 14.805, 20.805 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(186, 149, 149) }
```

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

```
.border{ border-color:rgb(186, 149, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 149, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 149, 149); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 149, 149); box-shadow:4px 4px 4px 4px rgb(186, 149, 149) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 14.805, 20.805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 149, 149) }
```

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

```
.background{ background-color: rgb(186,  
149, 149) }
```

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