

Converting Colors

CIELCh(65, 19.583, 79.908)

Have a look what the booklet for
CIELCh(65, 19.583, 79.908) contains.

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Color

CIELCh(65, 19.545, 80.153)

Conversions

Conversions Part 1

Format	Color
Hex	B19B7C
RGB	177, 155, 124
RGB Percent	69%, 61%, 49%
CMY	0.3076, 0.3938, 0.5153
CMYK	0.00, 0.12, 0.30, 0.31
HSL	35°, 25%, 59%
HSV	35°, 30%, 69%
XYZ	33.2992, 34.0472, 23.7536
YIQ	158.0440, 23.0630, -4.9770

Conversions

Conversions Part 2

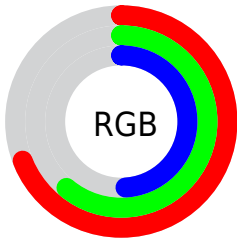
Format	Color
RYB	162, 177, 124
Decimal	11639676
CIELab	65.00, 3.34, 19.26
CIElCh	65, 19.545, 80.153
Yxy	34.0472, 0.3655, 0.3737
Android (android.graphics.Color)	4289829756 (0xFFB19B7C)
YUV	158.0440, -16.7837, 16.6244
Hunter-Lab	58.3500, -0.2460, 16.7087

Details

The CIELCh color $65, 19.545, 80.153$ is a light color, and the websafe version is hex 999966 . A complement of this color would be $60, 18.775, 268.739$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 19.251, 79.602$, and $45, 19.625, 79.666$ is the 20% darker color. If you saturate the color by 10%, you get $63, 26.469, 78.808$, and if you desaturate by 10%, it is $67, 12.820, 81.476$.

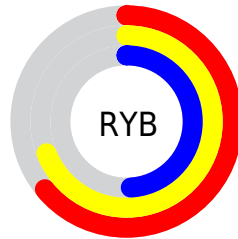
Distribution



Red (69%)

Green (61%)

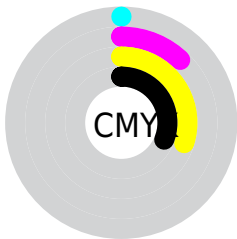
Blue (49%)



Red (64%)

Yellow (69%)

Blue (49%)

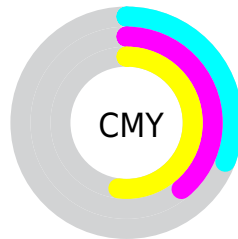


Cyan (0%)

Magenta (12%)

Yellow (30%)

Black (31%)



Cyan (31%)

Magenta (39%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 19.545, 80.153 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, 19.545, 80.153 by changing the saturation by 10% instead.

■ 65, 19.545, 80.153

■ 65, 19.545, 80.153

■ 100, 19.545,
80.153

■ 55, 19.545, 80.153

■ 85, 19.545, 80.153

■ 45, 19.545, 80.153

■ 95, 19.545, 80.153

■ 35, 19.545, 80.153

■ 25, 19.545, 80.153

■ 15, 19.545, 80.153

■ 5, 19.545, 80.153

■ 0, 19.545, 80.153

■ 65, 19.545, 80.153

■ 65, 19.545, 80.153

■ 63, 26.469, 78.808

■ 67, 12.820, 81.476

61, 33.549, 77.418

70, 6.303, 82.742

58, 40.681, 75.976

72, 0.010, 292.617

56, 47.653, 74.442

74, 6.129, 265.286

54, 54.065, 72.720

77, 12.075,
266.423

53, 59.258, 70.634

79, 17.861,
267.525

51, 62.999, 68.143

82, 23.504,
268.581

51, 63.000, 68.143

84, 24.462,
263.889

86, 22.352,
253.250

Harmonies

Complementary

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



65, 19.545, 80.153



60, 18.775, 268.739

Rectangle

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



65, 19.545, 80.153



65, 19.545, 130.153



65, 19.545, 260.153



65, 19.545, 310.153

Sweetspot

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



65, 19.546, 80.160



88, 7.012, 82.845



58, 24.239, 351.407



46, 4.880, 82.670



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



65, 19.546, 80.160



81, 29.334, 79.268



71, 28.554, 110.968



37, 3.598, 82.824



44, 56.637, 68.568



5, 7.884, 72.479

Inverse Universe

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



60, 18.775, 268.739



73, 27.912, 270.112



54, 30.654, 296.553



36, 3.564, 265.309



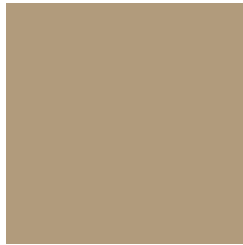
29, 57.197, 290.709



3, 9.471, 272.130

Previews

White Background



This preview shows how the CIELCh color 65, 19.545, 80.153 looks on a white background.

Color Contrast Check

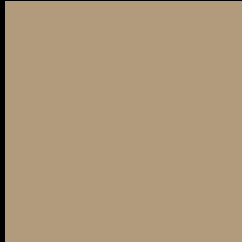
Large Text (above 18pt) WCAG AA × Fail

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 65, 19.545, 80.153 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

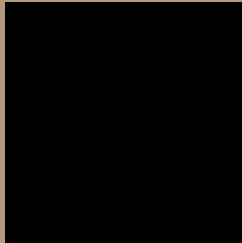
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 19.545, 80.153

Background



This preview shows how black text looks on a background with the CIELCh color 65, 19.545, 80.153.



This preview shows how white text looks on a background with the CIELCh color 65, 19.545, 80.153.

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, 19.545, 80.153

Protanopia

65, 18.672, 95.369

Deuteranopia

65, 20.734, 67.897



Tritanopia
65, 14.063, 352.646

Trichromacy



Original Color
65, 19.545, 80.153

Protanomaly
65, 19.151, 90.453

Deuteranomaly
65, 20.053, 72.451

Tritanomaly
65, 11.434, 31.498

Monochromacy



Original Color
65, 19.545, 80.153

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 7.351, 83.874

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 19.545, 80.153 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(177, 155, 124)` looks like.

```
.text, #text, p{  
    color:rgb(177, 155, 124)  
}
```

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(177, 155, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 155, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 19.545, 80.153 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(177, 155, 124) }
```

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

```
.border{ border-color:rgb(177, 155, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 155, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 155, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 155, 124);  
box-shadow:4px 4px 4px 4px rgb(177, 155,  
124) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 19.545, 80.153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 155, 124) }
```

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

```
.background{ background-color: rgb(177,  
155, 124) }
```

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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