

Converting Colors

CIELCh(65, 20.928, 95.851)

Have a look what the booklet for
CIELCh(65, 20.928, 95.851) contains.

CIELCh(65, 20.817, 96.383)	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, 20.817, 96.383)

Conversions

Conversions Part 1

Format	Color
Hex	A89E79
RGB	168, 158, 121
RGB Percent	66%, 62%, 47%
CMY	0.3421, 0.3813, 0.5264
CMYK	0.00, 0.06, 0.28, 0.34
HSL	47°, 21%, 57%
HSV	47°, 28%, 66%
XYZ	31.7216, 34.0472, 22.9167
YIQ	156.7720, 17.8370, -9.3870

Conversions

Conversions Part 2

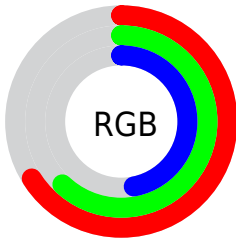
Format	Color
RYB	134, 168, 121
Decimal	11050617
CIELab	65.00, -2.31, 20.69
CIELCh	65, 20.817, 96.383
Yxy	34.0472, 0.3577, 0.3839
Android (android.graphics.Color)	4289240697 (0xFFA89E79)
YUV	156.7720, -17.6356, 9.8470
Hunter-Lab	58.3500, -5.0721, 17.5591

Details

The CIELCh color $65, 20.817, 96.383$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $55, 21.422, 283.489$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 20.809, 96.538$, and $45, 20.934, 97.105$ is the 20% darker color. If you saturate the color by 10%, you get $64, 28.283, 95.177$, and if you desaturate by 10%, it is $66, 13.342, 97.572$.

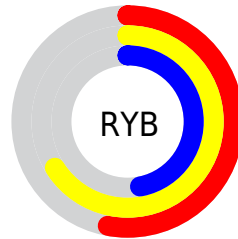
Distribution



Red (66%)

Green (62%)

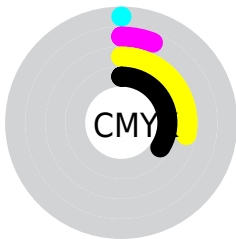
Blue (47%)



Red (53%)

Yellow (66%)

Blue (47%)

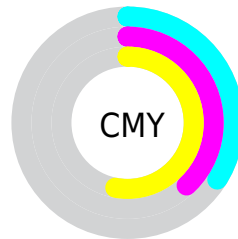


Cyan (0%)

Magenta (6%)

Yellow (28%)

Black (34%)



Cyan (34%)

Magenta (38%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 20.817, 96.383 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, 20.817, 96.383 by changing the saturation by 10% instead.

■ 65, 20.817, 96.383

■ 65, 20.817, 96.383

■ 100, 20.817,
96.383

■ 55, 20.817, 96.383

■ 85, 20.817, 96.383

■ 45, 20.817, 96.383

■ 95, 20.817, 96.383

■ 35, 20.817, 96.383

■ 25, 20.817, 96.383

■ 15, 20.817, 96.383

■ 5, 20.817, 96.383

■ 0, 20.817, 96.383

■ 65, 20.817, 96.383

■ 65, 20.817, 96.383

■ 64, 28.283, 95.177

■ 66, 13.342, 97.572

63, 35.649, 93.943

68, 5.903, 98.713

61, 42.761, 92.691

69, 1.473, 279.952

60, 49.361, 91.418

70, 8.772, 280.945

59, 55.042, 90.107

72, 15.991,
281.966

58, 59.259, 88.717

73, 23.127,
282.945

57, 61.702, 87.200

75, 30.183,
283.877

57, 62.150, 86.901

77, 37.160,
284.761

77, 35.330,
282.277

Harmonies

Complementary

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



65, 20.817, 96.383



55, 21.422, 283.489

Rectangle

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



65, 20.817, 96.383



65, 20.817, 146.383



65, 20.817, 276.383



65, 20.817, 326.383

Sweetspot

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



65, 20.818, 96.388



86, 7.335, 98.697



56, 19.968, 4.996



45, 5.210, 98.534



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



65, 20.818, 96.388



82, 31.462, 95.589



67, 26.181, 119.533



35, 4.186, 98.570



51, 56.708, 87.091



5, 7.128, 95.425

Inverse Universe

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



55, 21.422, 283.489



67, 32.658, 284.666



54, 27.685, 303.079



33, 4.230, 280.754



21, 75.681, 301.528



1, 7.886, 281.406

Previews

White Background



This preview shows how the CIELCh color 65, 20.817, 96.383 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, 20.817, 96.383 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

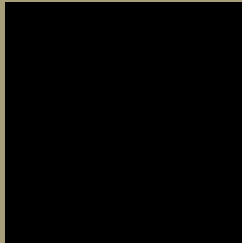
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 20.817, 96.383

Background



This preview shows how black text looks on a background with the CIELCh color 65, 20.817, 96.383.



This preview shows how white text looks on a background with the CIELCh color 65, 20.817, 96.383.

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, 20.817, 96.383

Protanopia

65, 20.909, 95.252

Deuteranopia

65, 21.789, 67.052



Tritanopia
65, 10.464, 340.903

Trichromacy



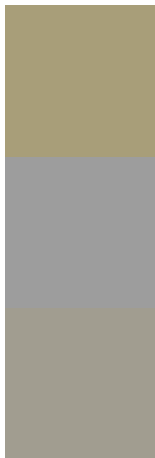
Original Color
65, 20.817, 96.383

Protanomaly
65, 20.909, 95.252

Deuteranomaly
65, 20.494, 75.948

Tritanomaly
65, 7.515, 46.066

Monochromacy



Original Color
65, 20.817, 96.383

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 7.363, 96.974

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 20.817, 96.383 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(168, 158, 121)` looks like.

```
.text, #text, p{  
    color:rgb(168, 158, 121)  
}
```

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(168, 158, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 158, 121) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 20.817, 96.383 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(168, 158, 121) }
```

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

```
.border{ border-color:rgb(168, 158, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 158, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 158, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 158, 121);  
box-shadow:4px 4px 4px 4px rgb(168, 158,  
121) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 20.817, 96.383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 158, 121) }
```

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

```
.background{ background-color: rgb(168,  
158, 121) }
```

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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