

Converting Colors

CIELCh(65, 20.461, 116.612)

Have a look what the booklet for
CIELCh(65, 20.461, 116.612)
contains.

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Color

CIELCh(65, 20.599, 117.128)

Conversions

Conversions Part 1

Format	Color
Hex	9AA27D
RGB	154, 162, 125
RGB Percent	60%, 64%, 49%
CMY	0.3973, 0.3659, 0.5109
CMYK	0.05, 0.00, 0.23, 0.37
HSL	73°, 17%, 56%
HSV	73°, 23%, 63%
XYZ	29.8187, 34.0472, 24.3048
YIQ	155.3900, 7.1090, -13.2030

Conversions

Conversions Part 2

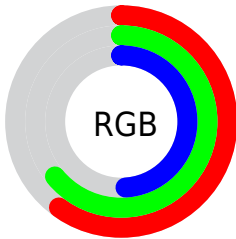
Format	Color
RYB	125, 162, 133
Decimal	10134141
CIELab	65.00, -9.39, 18.33
CIELCh	65, 20.599, 117.128
Yxy	34.0472, 0.3382, 0.3862
Android (android.graphics.Color)	4288324221 (0xFF9AA27D)
YUV	155.3900, -14.9823, -1.2190
Hunter-Lab	58.3500, -10.8933, 16.1486

Details

The CIELCh color **65, 20.599, 117.128** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **54, 21.610, 300.329**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 20.569, 116.976**, and **45, 20.203, 116.239** is the 20% darker color. If you saturate the color by 10%, you get **64, 29.440, 116.476**, and if you desaturate by 10%, it is **66, 11.628, 117.792**.

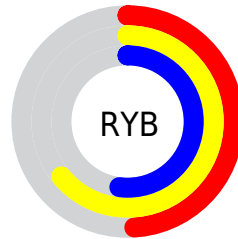
Distribution



Red (60%)

Green (64%)

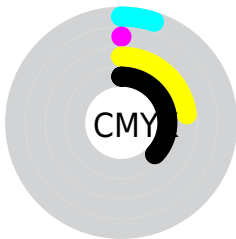
Blue (49%)



Red (49%)

Yellow (64%)

Blue (52%)

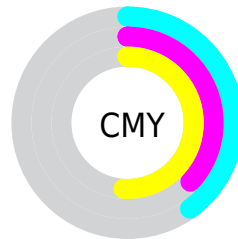


Cyan (5%)

Magenta (0%)

Yellow (23%)

Black (37%)



Cyan (40%)


Magenta (37%)


Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 20.599, 117.128 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, 20.599, 117.128 by changing the saturation by 10% instead.


 65, 20.599,
117.128


 65, 20.599,
117.128


 100, 20.599,
117.128


 55, 20.599,
117.128


 85, 20.599,
117.128

 45, 20.599,
117.128

 95, 20.599,
117.128

 35, 20.599,
117.128

 25, 20.599,
117.128

 15, 20.599,
117.128

 5, 20.599, 117.128

 0, 20.599, 117.128

■ 65, 20.599,
117.128

■ 65, 20.599,
117.128

■ 64, 29.440,
116.476

■ 66, 11.628,
117.792

■ 64, 38.040,
115.851

■ 66, 2.594, 118.445

■ 63, 46.241,
115.293

■ 67, 6.453, 299.064

■ 63, 53.808,
114.854

■ 68, 15.477,
299.663

■ 63, 60.413,
114.607

■ 69, 24.454,
300.228

■ 62, 65.660,
114.641

■ 70, 33.364,
300.759


■ 62, 69.198,
115.042

■ 70, 42.193,
301.255

■ 62, 70.982,

■ 71, 50.931,
301.716

115.478

 72, 51.540,
302.872

Harmonies

Complementary

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



65, 20.599, 117.128



54, 21.610, 300.329

Rectangle

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



65, 20.599, 117.128



65, 20.599, 167.128



65, 20.599, 297.128



65, 20.599, 347.128

Sweetspot

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



65, 20.601, 117.131



83, 7.796, 118.168



58, 13.047, 39.166



44, 5.055, 118.133



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



65, 20.601, 117.131



82, 29.910, 116.827



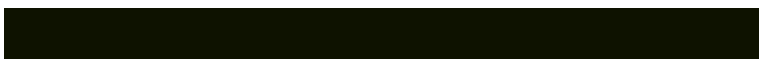
64, 22.969, 134.704



34, 5.149, 118.028



56, 65.617, 115.375



5, 8.097, 120.536

Inverse Universe

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



54, 21.610, 300.329



66, 31.715, 300.743



56, 23.359, 316.685



32, 5.252, 299.248



17, 86.346, 307.542



1, 8.033, 297.837

Previews

White Background



This preview shows how the CIELCh color 65, 20.599, 117.128 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, 20.599, 117.128 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

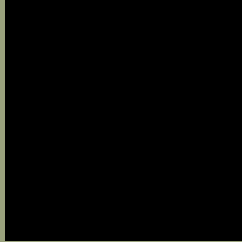
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 20.599, 117.128

Background



This preview shows how black text looks on a background with the CIELCh color 65, 20.599, 117.128.



This preview shows how white text looks on a background with the CIELCh color 65, 20.599, 117.128.

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, 20.599, 117.128

Protanopia
65, 19.328, 94.417

Deuteranopia
65, 19.052, 64.000



Tritanopia
65, 6.865, 303.429

Trichromacy



Original Color
65, 20.599, 117.128

Protanomaly
65, 19.344, 103.190

Deuteranomaly
65, 17.578, 84.697

Tritanomaly
65, 3.319, 109.807

Monochromacy



Original Color
65, 20.599, 117.128

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 7.257, 115.614

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 20.599, 117.128 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(154, 162, 125)` looks like.

```
.text, #text, p{  
    color:rgb(154, 162, 125)  
}
```

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(154, 162, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 162, 125) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 20.599, 117.128 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(154, 162, 125) }
```

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

```
.border{ border-color:rgb(154, 162, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 162, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 162, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 162, 125);  
box-shadow:4px 4px 4px 4px rgb(154, 162,  
125) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 20.599, 117.128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 162, 125) }
```

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

```
.background{ background-color: rgb(154,  
162, 125) }
```

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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