

Converting Colors

CIELCh(65, 20.336, 120.755)

Have a look what the booklet for
CIELCh(65, 20.336, 120.755)
contains.

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Color

CIELCh(65, 20.314, 120.762)

Conversions

Conversions Part 1

Format	Color
Hex	97A27E
RGB	151, 162, 126
RGB Percent	59%, 64%, 49%
CMY	0.4068, 0.3637, 0.5049
CMYK	0.07, 0.00, 0.22, 0.36
HSL	78°, 16%, 57%
HSV	78°, 22%, 64%
XYZ	29.5568, 34.0472, 24.8357
YIQ	154.6070, 5.0000, -13.5280

Conversions

Conversions Part 2

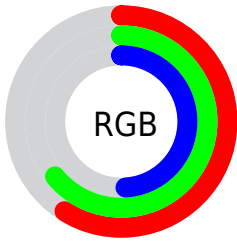
Format	Color
RYB	126, 162, 137
Decimal	9937534
CIELab	65.00, -10.39, 17.46
CIELCh	65, 20.314, 120.762
Yxy	34.0472, 0.3342, 0.3850
Android (android.graphics.Color)	4288127614 (0xFF97A27E)
YUV	154.6070, -14.1033, -3.1633
Hunter-Lab	58.3500, -11.6942, 15.6091

Details

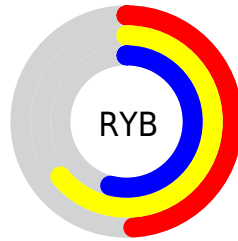
The CIELCh color **65, 20.314, 120.762** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **55, 21.187, 303.401**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 20.366, 121.412**, and **45, 19.908, 120.277** is the 20% darker color. If you saturate the color by 10%, you get **64, 29.332, 120.194**, and if you desaturate by 10%, it is **66, 11.183, 121.339**.

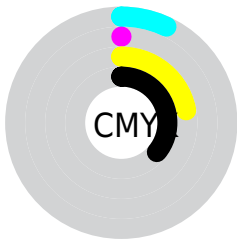
Distribution



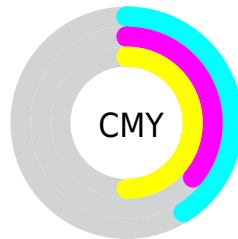
- Red (59%)
- Green (64%)
- Blue (49%)



- Red (49%)
- Yellow (64%)
- Blue (54%)



- Cyan (7%)
- Magenta (0%)
- Yellow (22%)
- Black (36%)





- Cyan (41%)
- Magenta (36%)
- Yellow (50%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 20.314, 120.762 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, 20.314, 120.762 by changing the saturation by 10% instead.


 65, 20.314,
120.762


 65, 20.314,
120.762


 100, 20.314,
120.762


 55, 20.314,
120.762


 85, 20.314,
120.762

 45, 20.314,
120.762

 95, 20.314,
120.762

 35, 20.314,
120.762

 25, 20.314,
120.762

 15, 20.314,
120.762

 5, 20.314, 120.762

 0, 20.314, 120.762

■ 65, 20.314,
120.762

■ 65, 20.314,
120.762

■ 64, 29.332,
120.194

■ 66, 11.183,
121.339

■ 64, 38.129,
119.649

■ 67, 2.006, 121.914

■ 67, 7.165, 302.419

■ 63, 46.550,
119.170

■ 68, 16.295,
302.926

■ 63, 54.368,
118.813

■ 69, 25.358,
303.397

■ 62, 61.266,
118.659

■ 70, 34.335,
303.835

■ 62, 66.852,
118.809


■ 71, 43.212,
304.239

■ 61, 70.769,
119.368

■ 72, 51.427,
304.700

■ 61, 72.944,

120.005

 73, 51.670,
306.432

Harmonies

Complementary

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



65, 20.314, 120.762



55, 21.187, 303.401

Rectangle

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



65, 20.314, 120.762



65, 20.314, 170.762



65, 20.314, 300.762



65, 20.314, 350.762

Sweetspot

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



65, 20.316, 120.765



84, 7.968, 121.626



59, 12.150, 50.182



45, 5.219, 121.595



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



65, 20.316, 120.765



82, 30.619, 120.460



64, 23.037, 137.724



34, 5.212, 121.505



55, 67.234, 119.871



5, 8.214, 124.134

Inverse Universe

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



55, 21.187, 303.401



67, 32.289, 303.794



57, 23.275, 319.773



32, 5.307, 302.541



18, 85.145, 308.576



1, 8.109, 300.926

Previews

White Background



This preview shows how the CIELCh color 65, 20.314, 120.762 looks on a white background.

Color Contrast Check

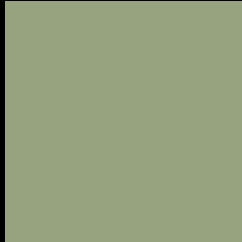
Large Text (above 18pt) WCAG AA × Fail

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, 20.314, 120.762 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

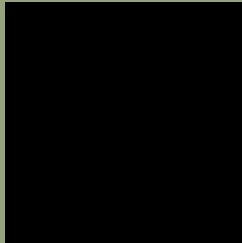
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 20.314, 120.762

Background



This preview shows how black text looks on a background with the CIELCh color 65, 20.314, 120.762.



This preview shows how white text looks on a background with the CIELCh color 65, 20.314, 120.762.

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, 20.314, 120.762

Protanopia
65, 18.794, 94.107

Deuteranopia
65, 18.640, 62.914



Tritanopia
65, 6.675, 290.891

Trichromacy



Original Color
65, 20.314, 120.762

Protanomaly
65, 18.769, 104.375

Deuteranomaly
65, 16.894, 85.345

Tritanomaly
65, 3.676, 134.557

Monochromacy



Original Color
65, 20.314, 120.762

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 7.385, 121.645

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 20.314, 120.762 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(151, 162, 126)` looks like.

```
.text, #text, p{  
    color:rgb(151, 162, 126)  
}
```

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(151, 162, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 162, 126) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 20.314, 120.762 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(151, 162, 126) }
```

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

```
.border{ border-color:rgb(151, 162, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 162, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 162, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 162, 126);  
box-shadow:4px 4px 4px 4px rgb(151, 162,  
126) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 20.314, 120.762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 162, 126) }
```

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

```
.background{ background-color: rgb(151,  
162, 126) }
```

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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