

Converting Colors

CIELCh(65, 8.357, 122.571)

Have a look what the booklet for
CIELCh(65, 8.357, 122.571) contains.

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Color

CIELCh(65, 8.538, 122.559)

Conversions

Conversions Part 1

Format	Color
Hex	9BA091
RGB	155, 160, 145
RGB Percent	61%, 63%, 57%
CMY	0.3930, 0.3734, 0.4322
CMYK	0.03, 0.00, 0.09, 0.37
HSL	80°, 7%, 60%
HSV	80°, 9%, 63%
XYZ	31.0999, 34.0472, 31.6311
YIQ	156.7950, 1.8350, -5.7250

Conversions

Conversions Part 2

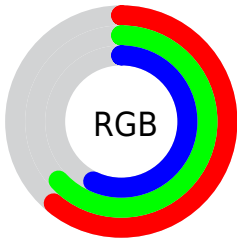
Format	Color
RYB	145, 160, 150
Decimal	10199185
CIELab	65.00, -4.59, 7.20
CIElCh	65, 8.538, 122.559
Yxy	34.0472, 0.3214, 0.3518
Android (android.graphics.Color)	4288389265 (0xFF9BA091)
YUV	156.7950, -5.8149, -1.5742
Hunter-Lab	58.3500, -6.9739, 8.7042

Details

The CIELCh color $65, 8.538, 122.559$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $61, 8.691, 303.563$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 8.682, 124.221$, and $45, 8.578, 123.301$ is the 20% darker color. If you saturate the color by 10%, you get $64, 17.623, 122.016$, and if you desaturate by 10%, it is $66, 0.566, 302.995$.

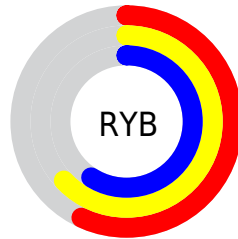
Distribution



Red (61%)

Green (63%)

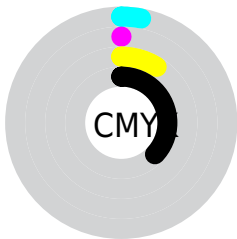
Blue (57%)



Red (57%)

Yellow (63%)

Blue (59%)

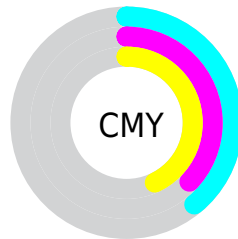


Cyan (3%)

Magenta (0%)

Yellow (9%)

Black (37%)



Cyan (39%)

Magenta (37%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 8.538, 122.559 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, 8.538, 122.559 by changing the saturation by 10% instead.

■ 65, 8.538, 122.559

■ 65, 8.538, 122.559

■ 100, 8.538,
122.559

■ 55, 8.538, 122.559

■ 85, 8.538, 122.559

■ 45, 8.538, 122.559

■ 95, 8.538, 122.559

■ 35, 8.538, 122.559

■ 25, 8.538, 122.559

■ 15, 8.538, 122.559

■ 5, 8.538, 122.559

■ 0, 8.538, 122.559

■ 65, 8.538, 122.559

■ 65, 8.538, 122.559

■ 64, 17.623,

■ 66, 0.566, 302.995

122.016

67, 9.650, 303.580

64, 26.618,
121.465

68, 18.679,
304.051

63, 35.434,
120.931

69, 27.629,
304.488

62, 43.934,
120.448

70, 36.484,
304.892

62, 51.916,
120.070

71, 45.231,
305.262

61, 59.094,
119.870

72, 53.015,
305.752

61, 65.101,
119.948

72, 53.293,
307.558

60, 69.556,
120.415

73, 53.619,
309.368

60, 72.557,
121.241

Harmonies

Complementary

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



65, 8.538, 122.559



61, 8.691, 303.563

Rectangle

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



65, 8.538, 122.559



65, 8.538, 172.559



65, 8.538, 302.559



65, 8.538, 352.559

Sweetspot

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



65, 8.540, 122.564



83, 3.357, 122.913



63, 4.823, 54.889



44, 2.567, 122.869



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, 8.540, 122.564



82, 12.335, 122.465



64, 9.677, 139.379



33, 5.100, 122.573



54, 66.927, 121.145



4, 6.730, 124.324

Inverse Universe

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



61, 8.691, 303.563



76, 12.591, 303.671



62, 9.723, 320.196



31, 5.189, 303.555



18, 83.617, 308.990



1, 6.676, 302.411

Previews

White Background



This preview shows how the CIELCh color 65, 8.538, 122.559 looks on a white background.

Color Contrast Check

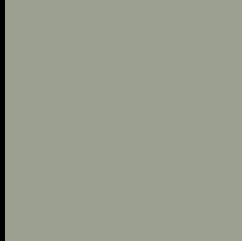
Large Text (above 18pt) WCAG AA × Fail

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, 8.538, 122.559 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

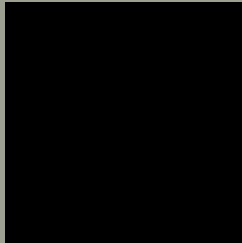
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

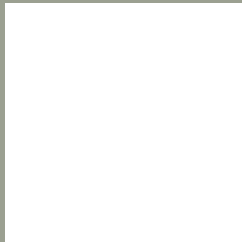
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 8.538, 122.559

Background



This preview shows how black text looks on a background with the CIELCh color 65, 8.538, 122.559.



This preview shows how white text looks on a background with the CIELCh color 65, 8.538, 122.559.

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, 8.538, 122.559

Protanopia

65, 8.226, 89.533

Deuteranopia

65, 10.565, 38.479



Tritanopia
65, 7.287, 296.788

Trichromacy



Original Color
65, 8.538, 122.559

Protanomaly
65, 7.829, 100.615

Deuteranomaly
65, 7.470, 61.467

Tritanomaly
65, 1.675, 290.388

Monochromacy



Original Color
65, 8.538, 122.559

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 2.880, 125.377

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 8.538, 122.559 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(155, 160, 145)` looks like.

```
.text, #text, p{  
    color:rgb(155, 160, 145)  
}
```

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(155, 160, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 160, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 8.538, 122.559 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(155, 160, 145) }
```

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

```
.border{ border-color:rgb(155, 160, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 160, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 160, 145); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 160, 145); box-shadow:4px 4px 4px 4px rgb(155, 160, 145) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 8.538, 122.559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 160, 145) }
```

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

```
.background{ background-color: rgb(155,  
160, 145) }
```

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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