

Converting Colors

CIELCh(65, 8.459, 116.998)

Have a look what the booklet for
CIELCh(65, 8.459, 116.998) contains.

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Color

CIELCh(65, 8.391, 117.371)

Conversions

Conversions Part 1

Format	Color
Hex	9C9F90
RGB	156, 159, 144
RGB Percent	61%, 62%, 56%
CMY	0.3868, 0.3751, 0.4339
CMYK	0.02, 0.00, 0.09, 0.38
HSL	72°, 7%, 60%
HSV	72°, 9%, 62%
XYZ	31.2999, 34.0472, 31.4485
YIQ	156.3930, 3.0270, -5.3010

Conversions

Conversions Part 2

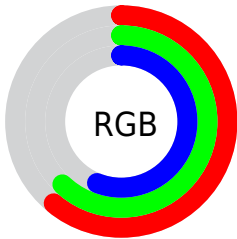
Format	Color
RYB	144, 159, 147
Decimal	10264464
CIELab	65.00, -3.86, 7.45
CIELCh	65, 8.391, 117.371
Yxy	34.0472, 0.3234, 0.3517
Android (android.graphics.Color)	4288454544 (0xFF9C9F90)
YUV	156.3930, -6.1097, -0.3447
Hunter-Lab	58.3500, -6.3619, 8.8899

Details

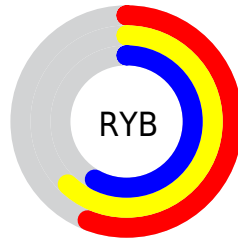
The CIELCh color $65, 8.391, 117.371$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $61, 8.564, 298.654$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 8.459, 116.998$, and $45, 8.409, 117.736$ is the 20% darker color. If you saturate the color by 10%, you get $64, 17.269, 116.702$, and if you desaturate by 10%, it is $66, 0.528, 298.018$.

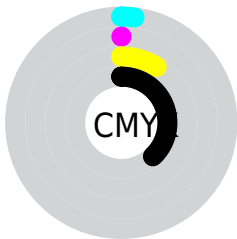
Distribution



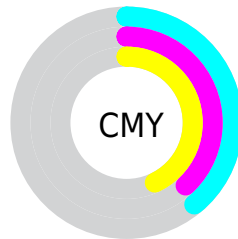
- Red (61%)
- Green (62%)
- Blue (56%)



- Red (56%)
- Yellow (62%)
- Blue (58%)



- Cyan (2%)
- Magenta (0%)
- Yellow (9%)
- Black (38%)



- Cyan (39%)
- Magenta (38%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 8.391, 117.371 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, 8.391, 117.371 by changing the saturation by 10% instead.

■ 65, 8.391, 117.371

■ 65, 8.391, 117.371

■ 100, 8.391,
117.371

■ 55, 8.391, 117.371

■ 85, 8.391, 117.371

■ 45, 8.391, 117.371

■ 95, 8.391, 117.371

■ 35, 8.391, 117.371

■ 25, 8.391, 117.371

■ 15, 8.391, 117.371

■ 5, 8.391, 117.371

■ 0, 8.391, 117.371

■ 65, 8.391, 117.371

■ 65, 8.391, 117.371

■ 64, 17.269,

■ 66, 0.528, 298.018

116.702

66, 9.449, 298.671

64, 26.040,
116.025

67, 18.342,
299.277

63, 34.614,
115.369

68, 27.183,
299.849

63, 42.855,
114.764

69, 35.956,
300.385

62, 50.559,
114.257

70, 44.648,
300.887

62, 57.436,
113.910

71, 52.769,
301.387

62, 63.109,
113.805

71, 52.864,
302.443

61, 67.195,
114.028

71, 52.974,
303.506

61, 69.803,
114.560

Harmonies

Complementary

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



65, 8.391, 117.371



61, 8.564, 298.654

Rectangle

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



65, 8.391, 117.371



65, 8.391, 167.371



65, 8.391, 297.371



65, 8.391, 347.371

Sweetspot

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



65, 8.393, 117.378



83, 3.298, 117.803



62, 5.026, 39.213



44, 2.521, 117.750



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, 8.393, 117.378



82, 12.106, 117.258



64, 9.311, 135.354



33, 5.006, 117.390



55, 64.523, 114.489



4, 6.601, 119.242

Inverse Universe

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



61, 8.564, 298.654



76, 12.395, 298.790



61, 9.386, 316.102



31, 5.107, 298.641



17, 85.410, 307.402



0, 6.572, 297.600

Previews

White Background



This preview shows how the CIELCh color 65, 8.391, 117.371 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, 8.391, 117.371 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

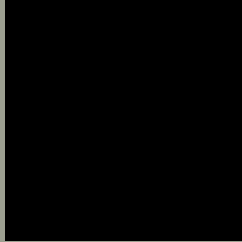
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

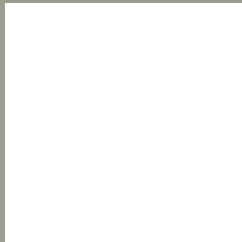
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 8.391, 117.371

Background



This preview shows how black text looks on a background with the CIELCh color 65, 8.391, 117.371.



This preview shows how white text looks on a background with the CIELCh color 65, 8.391, 117.371.

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, 8.391, 117.371

Protanopia

65, 8.226, 89.533

Deuteranopia

65, 10.565, 38.479



Tritanopia
65, 6.865, 303.429

Trichromacy



Original Color
65, 8.391, 117.371

Protanomaly
65, 8.377, 101.111

Deuteranomaly
65, 7.861, 64.369

Tritanomaly
65, 1.362, 324.350

Monochromacy



Original Color
65, 8.391, 117.371

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 3.347, 116.441

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 8.391, 117.371 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(156, 159, 144)` looks like.

```
.text, #text, p{  
    color:rgb(156, 159, 144)  
}
```

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(156, 159, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 159, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 8.391, 117.371 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(156, 159, 144) }
```

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

```
.border{ border-color:rgb(156, 159, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 159, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(156, 159, 144); -webkit-box-shadow:4px 4px 4px 4px rgb(156, 159, 144); box-shadow:4px 4px 4px 4px rgb(156, 159, 144) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 8.391, 117.371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 159, 144) }
```

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

```
.background{ background-color: rgb(156,  
159, 144) }
```

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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