

Converting Colors

CIELCh(65, 9.228, 121.241)

Have a look what the booklet for
CIELCh(65, 9.228, 121.241) contains.

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Color

CIELCh(65, 9.077, 121.729)

Conversions

Conversions Part 1

Format	Color
Hex	9BA090
RGB	155, 160, 144
RGB Percent	61%, 63%, 56%
CMY	0.3928, 0.3732, 0.4359
CMYK	0.03, 0.00, 0.10, 0.37
HSL	79°, 8%, 60%
HSV	79°, 10%, 63%
XYZ	31.0515, 34.0472, 31.2570
YIQ	156.6810, 2.1560, -6.0360

Conversions

Conversions Part 2

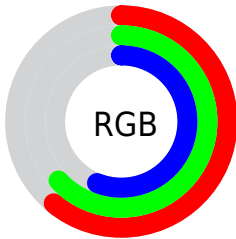
Format	Color
RYB	144, 160, 149
Decimal	10199184
CIELab	65.00, -4.77, 7.72
CIElCh	65, 9.077, 121.729
Yxy	34.0472, 0.3223, 0.3533
Android (android.graphics.Color)	4288389264 (0xFF9BA090)
YUV	156.6810, -6.2517, -1.4742
Hunter-Lab	58.3500, -7.1219, 9.0844

Details

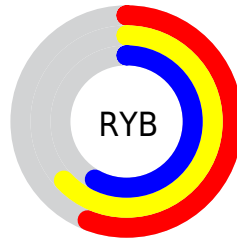
The CIELCh color $65, 9.077, 121.729$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $61, 9.254, 302.843$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 9.189, 123.371$, and $45, 9.152, 122.347$ is the 20% darker color. If you saturate the color by 10%, you get $64, 18.126, 121.169$, and if you desaturate by 10%, it is $66, 0.001, 160.055$.

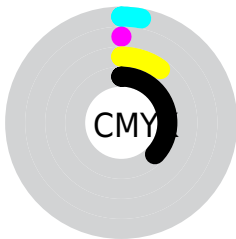
Distribution



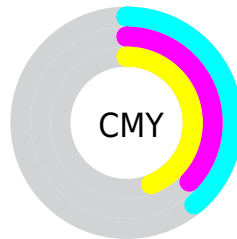
- Red (61%)
- Green (63%)
- Blue (56%)



- Red (56%)
- Yellow (63%)
- Blue (58%)



- Cyan (3%)
- Magenta (0%)
- Yellow (10%)
- Black (37%)



- Cyan (39%)
- Magenta (37%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 9.077, 121.729 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, 9.077, 121.729 by changing the saturation by 10% instead.

■ 65, 9.077, 121.729

■ 65, 9.077, 121.729

■ 100, 9.077,
121.729

■ 55, 9.077, 121.729

■ 85, 9.077, 121.729

■ 45, 9.077, 121.729

■ 95, 9.077, 121.729

■ 35, 9.077, 121.729

■ 25, 9.077, 121.729

■ 15, 9.077, 121.729

■ 5, 9.077, 121.729

■ 0, 9.077, 121.729

■ 65, 9.077, 121.729

■ 65, 9.077, 121.729

■ 64, 18.126,

■ 66, 0.001, 160.055

121.169

67, 9.061, 302.790

64, 27.079,
120.602

68, 18.075,
303.282

63, 35.841,
120.055

69, 27.016,
303.739

62, 44.273,
119.563

70, 35.868,
304.163

62, 52.170,
119.178

71, 44.617,
304.553

61, 59.239,
118.976

72, 52.871,
304.973

61, 65.105,
119.055

72, 53.112,
306.666

61, 69.394,
119.522

73, 53.395,
308.363

60, 72.290,
120.322

Harmonies

Complementary

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



65, 9.077, 121.729



61, 9.254, 302.843

Rectangle

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



65, 9.077, 121.729



65, 9.077, 171.729



65, 9.077, 301.729



65, 9.077, 351.729

Sweetspot

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



65, 9.079, 121.734



83, 3.346, 122.128



62, 5.172, 50.840



44, 2.558, 122.082



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, 9.079, 121.734



82, 13.410, 121.610



64, 10.221, 138.375



33, 5.082, 121.778



54, 66.503, 120.182



4, 6.708, 123.584

Inverse Universe

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



61, 9.254, 302.843



75, 13.719, 302.980



61, 10.279, 319.227



31, 5.174, 302.796



18, 83.933, 308.689



1, 6.657, 301.669

Previews

White Background



This preview shows how the CIELCh color 65, 9.077, 121.729 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, 9.077, 121.729 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

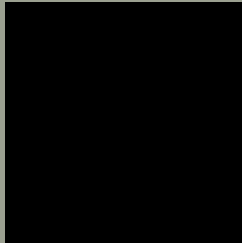
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

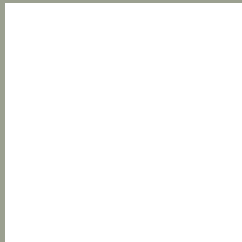
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 9.077, 121.729

Background



This preview shows how black text looks on a background with the CIELCh color 65, 9.077, 121.729.



This preview shows how white text looks on a background with the CIELCh color 65, 9.077, 121.729.

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, 9.077, 121.729

Protanopia

65, 8.752, 90.664

Deuteranopia

65, 10.779, 41.200



Tritanopia
65, 7.339, 299.675

Trichromacy



Original Color
65, 9.077, 121.729

Protanomaly
65, 8.377, 101.111

Deuteranomaly
65, 7.861, 64.369

Tritanomaly
65, 1.675, 290.388

Monochromacy



Original Color
65, 9.077, 121.729

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 3.418, 122.865

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 9.077, 121.729 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, 144)` looks like.

```
.text, #text, p{  
    color:rgb(155, 160, 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(155, 160, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 160, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 9.077, 121.729 is called "border". The border property can be set on classes, ids or directly on the HTML element.

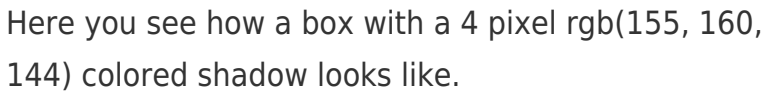
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 160, 144) }
```

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

```
.border{ border-color:rgb(155, 160, 144) }
```

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, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 160, 144); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 160, 144); box-shadow:4px 4px 4px 4px rgb(155, 160, 144) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 9.077, 121.729 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, 144) }
```

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

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