

Converting Colors

CIELCh(65, 9.110, 77.527)

Have a look what the booklet for
CIELCh(65, 9.110, 77.527) contains.

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Color

CIELCh(65, 9.121, 77.518)

Conversions

Conversions Part 1

Format	Color
Hex	A89C8E
RGB	168, 156, 142
RGB Percent	66%, 61%, 56%
CMY	0.3412, 0.3883, 0.4432
CMYK	0.00, 0.07, 0.15, 0.34
HSL	32°, 13%, 61%
HSV	32°, 15%, 66%
XYZ	32.9121, 34.0472, 30.4224
YIQ	157.9920, 11.6460, -1.8100

Conversions

Conversions Part 2

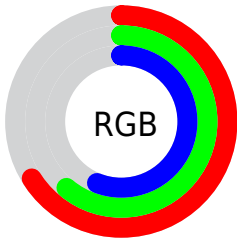
Format	Color
RYB	164, 168, 142
Decimal	11050126
CIELab	65.00, 1.97, 8.91
CIELCh	65, 9.121, 77.518
Yxy	34.0472, 0.3380, 0.3496
Android (android.graphics.Color)	4289240206 (0xFFA89C8E)
YUV	157.9920, -7.8841, 8.7770
Hunter-Lab	58.3500, -1.4302, 9.9325

Details

The CIELCh color $65, 9.121, 77.518$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $63, 8.858, 261.636$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 8.802, 75.851$, and $45, 9.108, 77.273$ is the 20% darker color. If you saturate the color by 10%, you get $63, 15.320, 76.268$, and if you desaturate by 10%, it is $67, 3.162, 78.718$.

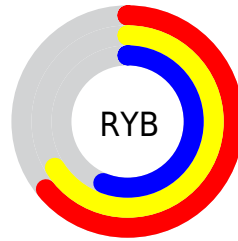
Distribution



Red (66%)

Green (61%)

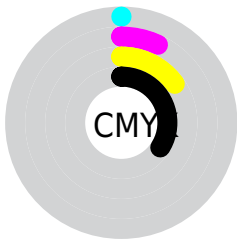
Blue (56%)



Red (64%)

Yellow (66%)

Blue (56%)

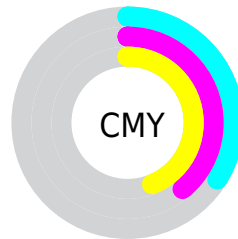


Cyan (0%)

Magenta (7%)

Yellow (15%)

Black (34%)



Cyan (34%)

Magenta (39%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 9.121, 77.518 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, 9.121, 77.518 by changing the saturation by 10% instead.

 65, 9.121, 77.518  65, 9.121, 77.518

 100, 9.121, 77.518  55, 9.121, 77.518


 85, 9.121, 77.518  45, 9.121, 77.518

 95, 9.121, 77.518  35, 9.121, 77.518

 25, 9.121, 77.518

 15, 9.121, 77.518

 5, 9.121, 77.518

 0, 9.121, 77.518

 65, 9.121, 77.518  65, 9.121, 77.518

 63, 15.320, 76.268  67, 3.162, 78.718

60, 21.763, 74.973

70, 2.576, 260.141

58, 28.439, 73.653

73, 8.110, 261.238

56, 35.294, 72.302

75, 13.462,
262.356

53, 42.205, 70.891

78, 18.650,
263.437

51, 48.906, 69.350

49, 54.905, 67.532

80, 23.693,
264.472

47, 59.481, 65.187

83, 26.555,
262.637

47, 61.416, 64.146

85, 24.387,
252.157

87, 23.136,
240.257

Harmonies

Complementary

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



65, 9.121, 77.518



63, 8.858, 261.636

Rectangle

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



65, 9.121, 77.518



65, 9.121, 127.518



65, 9.121, 257.518



65, 9.121, 307.518

Sweetspot

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



65, 9.122, 77.531



86, 3.583, 78.758



62, 12.192, 346.810



45, 2.444, 78.687



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



65, 9.122, 77.531



82, 14.019, 77.046



68, 14.218, 110.101



34, 3.299, 78.285



41, 55.849, 64.562



4, 5.628, 71.482

Inverse Universe

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



63, 8.858, 261.636



79, 13.498, 262.249



60, 14.721, 293.044



34, 3.248, 260.745



30, 50.988, 286.813



2, 6.295, 265.687

Previews

White Background



This preview shows how the CIELCh color 65, 9.121, 77.518 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, 9.121, 77.518 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

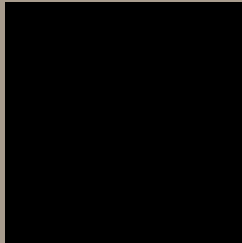
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

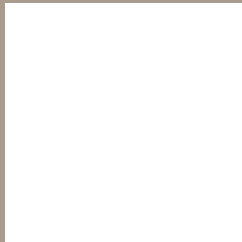
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 9.121, 77.518

Background



This preview shows how black text looks on a background with the CIELCh color 65, 9.121, 77.518.



This preview shows how white text looks on a background with the CIELCh color 65, 9.121, 77.518.

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, 9.121, 77.518

Protanopia

65, 8.226, 89.533

Deuteranopia

65, 11.651, 45.426



Tritanopia
65, 9.597, 336.367

Trichromacy



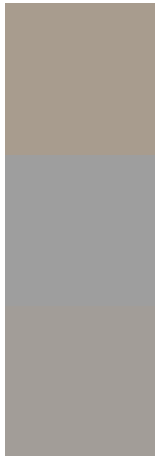
Original Color
65, 9.121, 77.518

Protanomaly
65, 8.370, 86.945

Deuteranomaly
65, 10.124, 53.041

Tritanomaly
65, 6.431, 4.999

Monochromacy



Original Color
65, 9.121, 77.518

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 3.368, 74.593

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 9.121, 77.518 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(168, 156, 142)` looks like.

```
.text, #text, p{  
    color:rgb(168, 156, 142)  
}
```

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(168, 156, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 156, 142) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 9.121, 77.518 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(168, 156, 142) }
```

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

```
.border{ border-color:rgb(168, 156, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 156, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 156, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 156, 142);  
box-shadow:4px 4px 4px 4px rgb(168, 156,  
142) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 9.121, 77.518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 156, 142) }
```

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

```
.background{ background-color: rgb(168,  
156, 142) }
```

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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