

Converting Colors

CIELCh(65, 4.304, 77.694)

Have a look what the booklet for
CIELCh(65, 4.304, 77.694) contains.

CIELCh(65, 4.516, 78.428)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(65, 4.516, 78.428)

Conversions

Conversions Part 1

Format	Color
Hex	A39D96
RGB	163, 157, 150
RGB Percent	64%, 62%, 59%
CMY	0.3612, 0.3848, 0.4122
CMYK	0.00, 0.04, 0.08, 0.36
HSL	32°, 7%, 61%
HSV	32°, 8%, 64%
XYZ	32.6134, 34.0472, 33.6588
YIQ	157.9960, 5.8230, -0.9050

Conversions

Conversions Part 2

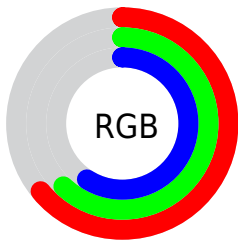
Format	Color
RYB	161, 163, 150
Decimal	10722710
CIELab	65.00, 0.91, 4.42
CIElCh	65, 4.516, 78.428
Yxy	34.0472, 0.3251, 0.3394
Android (android.graphics.Color)	4288912790 (0xFFA39D96)
YUV	157.9960, -3.9420, 4.3885
Hunter-Lab	58.3500, -2.3439, 6.6439

Details

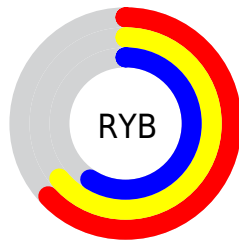
The CIELCh color $65, 4.516, 78.428$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $64, 4.461, 260.582$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 4.720, 81.860$, and $45, 4.658, 82.536$ is the 20% darker color. If you saturate the color by 10%, you get $63, 10.385, 77.235$, and if you desaturate by 10%, it is $67, 1.131, 259.993$.

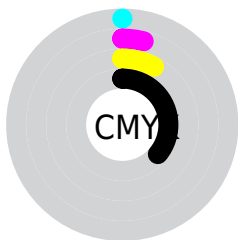
Distribution



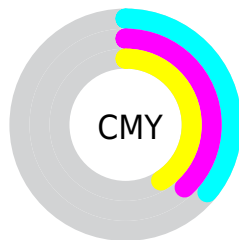
- Red (64%)
- Green (62%)
- Blue (59%)



- Red (63%)
- Yellow (64%)
- Blue (59%)



- Cyan (0%)
- Magenta (4%)
- Yellow (8%)
- Black (36%)



- Cyan (36%)
- Magenta (38%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 4.516, 78.428 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, 4.516, 78.428 by changing the saturation by 10% instead.

 65, 4.516, 78.428  65, 4.516, 78.428


 100, 4.516, 78.428  55, 4.516, 78.428


 85, 4.516, 78.428  45, 4.516, 78.428

 95, 4.516, 78.428  35, 4.516, 78.428

 25, 4.516, 78.428

 15, 4.516, 78.428

 5, 4.516, 78.428

 0, 4.516, 78.428

 65, 4.516, 78.428  65, 4.516, 78.428

 63, 10.385, 77.235  67, 1.131, 259.993

60, 16.489, 75.966

70, 6.577, 260.963

58, 22.829, 74.668

72, 11.839,
262.085

56, 29.388, 73.345

75, 16.939,
263.173

53, 36.100, 71.986

51, 42.820, 70.556

77, 21.893,
264.219

49, 49.248, 68.972

80, 26.717,
265.218

47, 54.843, 67.061

46, 59.114, 64.681

82, 27.468,
260.849

84, 25.468,
250.949

86, 24.305,
239.884

Harmonies

Complementary

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



65, 4.516, 78.428



64, 4.461, 260.582

Rectangle

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



65, 4.516, 78.428



65, 4.516, 128.428



65, 4.516, 258.428



65, 4.516, 308.428

Sweetspot

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



65, 4.517, 78.452



84, 1.380, 78.990



63, 6.073, 346.097



45, 0.790, 78.989



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, 4.517, 78.452



82, 7.038, 78.192



67, 7.158, 110.776



33, 3.216, 78.301



40, 55.131, 64.633



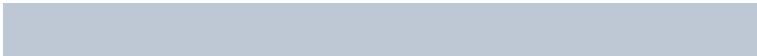
3, 4.750, 74.101

Inverse Universe

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



64, 4.461, 260.582



80, 6.916, 260.875



62, 7.294, 292.246



33, 3.166, 260.751



30, 50.276, 286.751



2, 5.132, 263.764

Previews

White Background



This preview shows how the CIELCh color 65, 4.516, 78.428 looks on a white background.

Color Contrast Check

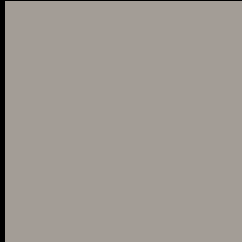
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 65, 4.516, 78.428 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

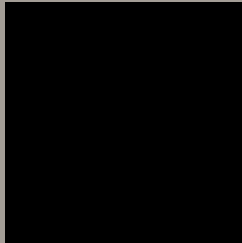
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 4.516, 78.428

Background



This preview shows how black text looks on a background with the CIELCh color 65, 4.516, 78.428.



This preview shows how white text looks on a background with the CIELCh color 65, 4.516, 78.428.

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, 4.516, 78.428

Protanopia

65, 4.327, 82.898

Deuteranopia

65, 9.104, 23.681



Tritanopia
65, 8.380, 320.500

Trichromacy



Original Color
65, 4.516, 78.428

Protanomaly
65, 4.327, 82.898

Deuteranomaly
65, 6.893, 33.843

Tritanomaly
65, 4.816, 335.979

Monochromacy



Original Color
65, 4.516, 78.428

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 1.819, 84.902

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 4.516, 78.428 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(163, 157, 150)` looks like.

```
.text, #text, p{  
    color:rgb(163, 157, 150)  
}
```

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(163, 157, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 157, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 4.516, 78.428 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(163, 157, 150) }
```

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

```
.border{ border-color:rgb(163, 157, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 157, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 157, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 157, 150);  
box-shadow:4px 4px 4px 4px rgb(163, 157,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 4.516, 78.428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 157, 150) }
```

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

```
.background{ background-color: rgb(163,  
157, 150) }
```

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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