

Converting Colors

CIELCh(65, 36.060, 114.517)

Have a look what the booklet for
CIELCh(65, 36.060, 114.517)
contains.

CIELCh(65, 36.060, 114.517)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(65, 36.060, 114.517)

Conversions

Conversions Part 1

Format	Color
Hex	98A462
RGB	152, 164, 98
RGB Percent	60%, 64%, 38%
CMY	0.4044, 0.3574, 0.6162
CMYK	0.07, 0.00, 0.40, 0.36
HSL	71°, 27%, 51%
HSV	71°, 40%, 64%
XYZ	28.3758, 34.0472, 16.6016
YIQ	152.8880, 14.0340, -23.0700

Conversions

Conversions Part 2

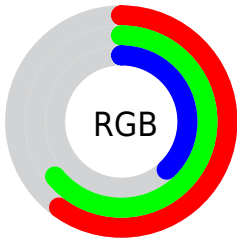
Format	Color
RYB	98, 164, 110
Decimal	10003554
CIELab	65.00, -14.96, 32.81
CIELCh	65, 36.060, 114.517
Yxy	34.0472, 0.3591, 0.4308
Android (android.graphics.Color)	4288193634 (0xFF98A462)
YUV	152.8880, -27.0598, -0.7788
Hunter-Lab	58.3500, -15.3073, 23.9759

Details

The CIELCh color **65, 36.060, 114.517** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **45, 39.637, 300.947**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 35.948, 114.725**, and **45, 35.682, 114.246** is the 20% darker color. If you saturate the color by 10%, you get **65, 44.425, 113.899**, and if you desaturate by 10%, it is **65, 27.338, 115.195**.

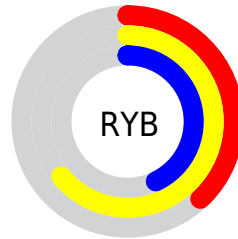
Distribution



Red (60%)

Green (64%)

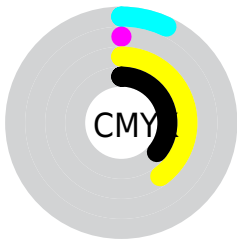
Blue (38%)



Red (38%)

Yellow (64%)

Blue (43%)

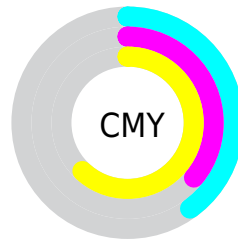


Cyan (7%)

Magenta (0%)

Yellow (40%)

Black (36%)



Cyan (40%)


Magenta (36%)


Yellow (62%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 36.060, 114.517 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, 36.060, 114.517 by changing the saturation by 10% instead.


 65, 36.060,
114.517


 65, 36.060,
114.517


 100, 36.060,
114.517


 55, 36.060,
114.517


 85, 36.060,
114.517

 45, 36.060,
114.517

 95, 36.060,
114.517

 35, 36.060,
114.517

 25, 36.060,
114.517

 15, 36.060,
114.517

 5, 36.060, 114.517

 0, 36.060, 114.517

■ 65, 36.060,
114.517

■ 65, 36.060,
114.517

■ 65, 44.425,
113.899

■ 65, 27.338,
115.195

■ 64, 52.211,
113.379

■ 66, 18.400,
115.893

■ 64, 59.110,
113.023

■ 67, 9.345, 116.593

■ 63, 64.728,
112.912

■ 67, 0.239, 117.294

■ 68, 8.875, 297.938

■ 63, 68.678,
113.128

■ 69, 17.963,
298.570

■ 63, 71.117,
113.613

■ 70, 27.004,
299.168

■ 70, 35.979,
299.730

■ 71, 44.875,
300.256

Harmonies

Complementary

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



65, 36.060, 114.517



45, 39.637, 300.947

Rectangle

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



65, 36.060, 114.517



65, 36.060, 164.517



65, 36.060, 294.517



65, 36.060, 344.517

Sweetspot

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



65, 36.061, 114.519



85, 13.574, 116.457



51, 25.471, 36.351



45, 8.986, 116.372



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, 36.061, 114.519



82, 52.863, 113.979



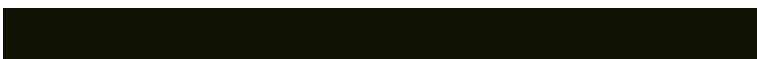
63, 40.276, 132.759



34, 5.130, 116.663



56, 65.103, 113.513



5, 8.058, 119.041

Inverse Universe

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



45, 39.637, 300.947



53, 59.639, 301.990



48, 41.657, 316.368



32, 5.235, 297.964



17, 86.731, 307.235



1, 8.010, 296.631

Previews

White Background



This preview shows how the CIELCh color 65, 36.060, 114.517 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, 36.060, 114.517 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

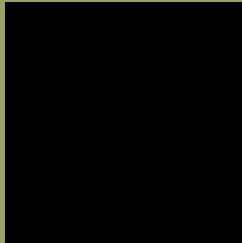
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 36.060, 114.517

Background



This preview shows how black text looks on a background with the CIELCh color 65, 36.060, 114.517.



This preview shows how white text looks on a background with the CIELCh color 65, 36.060, 114.517.

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, 36.060, 114.517

Protanopia
65, 34.888, 96.333

Deuteranopia
65, 32.839, 75.645



Tritanopia
65, 6.865, 303.429

Trichromacy



Original Color
65, 36.060, 114.517

Protanomaly
65, 34.827, 102.845

Deuteranomaly
65, 31.984, 90.993

Tritanomaly
65, 8.889, 114.322

Monochromacy



Original Color
65, 36.060, 114.517

Achromatopsia
63, 0.008, 296.813

Achromatomaly
64, 13.399, 115.627

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 36.060, 114.517 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(152, 164, 98)` looks like.

```
.text, #text, p{  
    color:rgb(152, 164, 98)  
}
```

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(152, 164, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 164, 98) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 36.060, 114.517 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(152, 164, 98) }
```

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

```
.border{ border-color:rgb(152, 164, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 164, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 164, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 164, 98);  
box-shadow:4px 4px 4px 4px rgb(152, 164,  
98) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 36.060, 114.517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 164, 98) }
```

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

```
.background{ background-color: rgb(152,  
164, 98) }
```

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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