

Converting Colors

CIELCh(65, 13.594, 60.462)

Have a look what the booklet for
CIELCh(65, 13.594, 60.462) contains.

CIELCh(65, 13.594, 60.462)	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, 13.594, 60.462)

Conversions

Conversions Part 1

Format	Color
Hex	B29989
RGB	178, 153, 137
RGB Percent	70%, 60%, 54%
CMY	0.3020, 0.4000, 0.4628
CMYK	0.00, 0.14, 0.23, 0.30
HSL	23°, 21%, 62%
HSV	23°, 23%, 70%
XYZ	34.2604, 34.0472, 28.4281
YIQ	158.6510, 20.0360, 0.3240

Conversions

Conversions Part 2

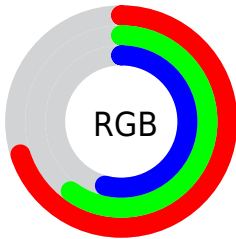
Format	Color
RYB	178, 163, 137
Decimal	11704713
CIELab	65.00, 6.70, 11.83
CIELCh	65, 13.594, 60.462
Yxy	34.0472, 0.3542, 0.3520
Android (android.graphics.Color)	4289894793 (0xFFB29989)
YUV	158.6510, -10.6739, 16.9691
Hunter-Lab	58.3500, 2.6944, 11.9589

Details

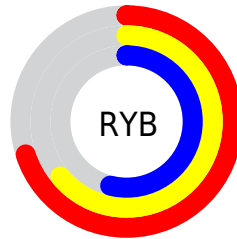
The CIELCh color $65, 13.594, 60.462$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $65, 12.261, 245.590$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 13.679, 60.375$, and $45, 13.733, 60.372$ is the 20% darker color. If you saturate the color by 10%, you get $62, 20.145, 59.561$, and if you desaturate by 10%, it is $68, 7.449, 61.400$.

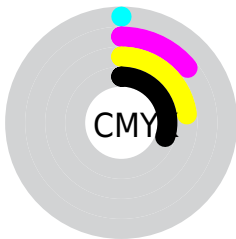
Distribution



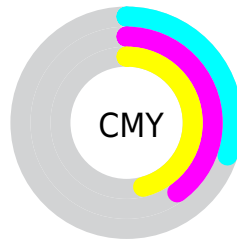
- Red (70%)
- Green (60%)
- Blue (54%)



- Red (70%)
- Yellow (64%)
- Blue (54%)



- Cyan (0%)
- Magenta (14%)
- Yellow (23%)
- Black (30%)



- Cyan (30%)
- Magenta (40%)
- Yellow (46%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 13.594, 60.462 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, 13.594, 60.462 by changing the saturation by 10% instead.

 65, 13.594, 60.462

 65, 13.594, 60.462

 100, 13.594,
60.462

 55, 13.594, 60.462

 85, 13.594, 60.462

 45, 13.594, 60.462

 95, 13.594, 60.462

 35, 13.594, 60.462

 25, 13.594, 60.462

 15, 13.594, 60.462

 5, 13.594, 60.462

 0, 13.594, 60.462

 65, 13.594, 60.462

 65, 13.594, 60.462

 62, 20.145, 59.561

 68, 7.449, 61.400

59, 27.124, 58.690

72, 1.678, 62.182

56, 34.521, 57.864

75, 3.757, 243.517

53, 42.275, 57.072

78, 8.892, 244.427

50, 50.208, 56.256

82, 13.762,
245.372

48, 57.912, 55.266

85, 18.400,
246.305

45, 64.588, 53.778

88, 20.712,
239.885

44, 68.637, 52.611

91, 20.906,
220.555

94, 23.187,
203.579

Harmonies

Complementary

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



65, 13.594, 60.462



65, 12.261, 245.590

Rectangle

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



65, 13.594, 60.462



65, 13.594, 110.462



65, 13.594, 240.462



65, 13.594, 290.462

Sweetspot

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



65, 13.594, 60.472



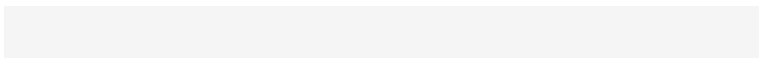
89, 4.870, 61.926



62, 21.119, 339.630



47, 3.196, 61.876



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



65, 13.594, 60.472



81, 20.869, 59.972



70, 19.733, 102.539



36, 3.206, 61.736



38, 61.154, 53.080



4, 7.505, 51.728

Inverse Universe

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



65, 12.261, 245.590



81, 18.308, 246.465



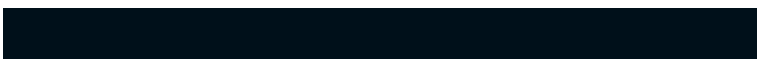
60, 20.517, 287.834



36, 3.088, 243.799



38, 39.024, 270.177



4, 8.029, 255.577

Previews

White Background



This preview shows how the CIELCh color 65, 13.594, 60.462 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, 13.594, 60.462 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

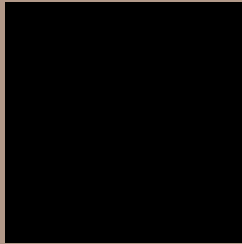
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 13.594, 60.462

Background



This preview shows how black text looks on a background with the CIELCh color 65, 13.594, 60.462.



This preview shows how white text looks on a background with the CIELCh color 65, 13.594, 60.462.

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, 13.594, 60.462

Protanopia

65, 10.462, 91.189

Deuteranopia

65, 14.585, 54.712



Tritanopia
65, 14.063, 352.646

Trichromacy



Original Color
65, 13.594, 60.462

Protanomaly
65, 11.474, 79.479

Deuteranomaly
65, 14.240, 55.650

Tritanomaly
65, 11.915, 15.221

Monochromacy



Original Color
65, 13.594, 60.462

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 4.828, 62.915

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 13.594, 60.462 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(178, 153, 137)` looks like.

```
.text, #text, p{  
    color:rgb(178, 153, 137)  
}
```

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(178, 153, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 153, 137) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 13.594, 60.462 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(178, 153, 137) }
```

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

```
.border{ border-color:rgb(178, 153, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 153, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 153, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 153, 137);  
box-shadow:4px 4px 4px 4px rgb(178, 153,  
137) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 13.594, 60.462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 153, 137) }
```

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

```
.background{ background-color: rgb(178,  
153, 137) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor