

Converting Colors

CIELCh(65, 21.935, 93.988)

Have a look what the booklet for
CIELCh(65, 21.935, 93.988) contains.

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Color

CIELCh(65, 21.674, 93.287)

Conversions

Conversions Part 1

Format	Color
Hex	AA9D77
RGB	170, 157, 119
RGB Percent	67%, 62%, 47%
CMY	0.3329, 0.3838, 0.5329
CMYK	0.00, 0.08, 0.30, 0.33
HSL	45°, 23%, 57%
HSV	45°, 30%, 67%
XYZ	32.0165, 34.0472, 22.3719
YIQ	156.5550, 19.9460, -9.0620

Conversions

Conversions Part 2

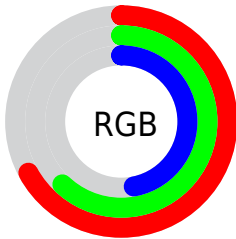
Format	Color
RYB	136, 170, 119
Decimal	11181431
CIELab	65.00, -1.24, 21.64
CIELCh	65, 21.674, 93.287
Yxy	34.0472, 0.3620, 0.3850
Android (android.graphics.Color)	4289371511 (0xFFAA9D77)
YUV	156.5550, -18.5146, 11.7913
Hunter-Lab	58.3500, -4.1699, 18.1127

Details

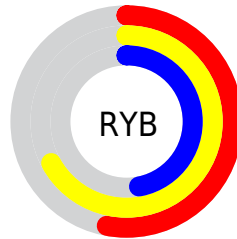
The CIELCh color **65, 21.674, 93.287** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **55, 22.101, 281.233**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 21.737, 92.665**, and **45, 21.837, 93.629** is the 20% darker color. If you saturate the color by 10%, you get **64, 28.995, 92.023**, and if you desaturate by 10%, it is **67, 14.372, 94.529**.

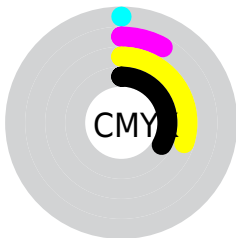
Distribution



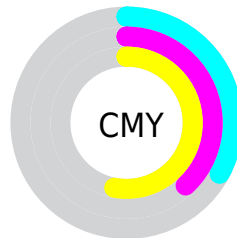
- Red (67%)
- Green (62%)
- Blue (47%)



- Red (53%)
- Yellow (67%)
- Blue (47%)



- Cyan (0%)
- Magenta (8%)
- Yellow (30%)
- Black (33%)



- Cyan (33%)
- Magenta (38%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 21.674, 93.287 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, 21.674, 93.287 by changing the saturation by 10% instead.

■ 65, 21.674, 93.287

■ 65, 21.674, 93.287

■ 100, 21.674,
93.287

■ 55, 21.674, 93.287

■ 85, 21.674, 93.287

■ 45, 21.674, 93.287

■ 95, 21.674, 93.287

■ 35, 21.674, 93.287

■ 25, 21.674, 93.287

■ 15, 21.674, 93.287

■ 5, 21.674, 93.287

■ 0, 21.674, 93.287

■ 65, 21.674, 93.287

■ 65, 21.674, 93.287

■ 64, 28.995, 92.023

■ 67, 14.372, 94.529

62, 36.244, 90.722

68, 7.133, 95.720

61, 43.263, 89.389

70, 0.020, 285.363

59, 49.778, 88.008

71, 7.077, 278.049

58, 55.349, 86.543

73, 14.036,
279.109

57, 59.386, 84.920

75, 20.899,
280.126

56, 61.837, 83.115

76, 27.670,
281.096

56, 61.841, 83.112

78, 34.246,
281.966

79, 32.128,
278.483

Harmonies

Complementary

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



65, 21.674, 93.287



55, 22.101, 281.233

Rectangle

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



65, 21.674, 93.287



65, 21.674, 143.287



65, 21.674, 273.287



65, 21.674, 323.287

Sweetspot

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



65, 21.675, 93.292



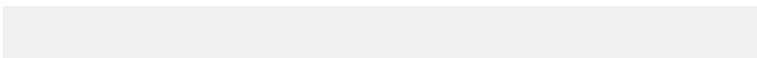
87, 7.975, 95.815



56, 22.020, 1.596



46, 5.592, 95.651



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



65, 21.675, 93.292



82, 32.375, 92.449



68, 28.103, 117.363



35, 4.006, 95.802



49, 55.845, 83.374



5, 6.768, 91.787

Inverse Universe

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



55, 22.101, 281.233



67, 33.216, 282.493



53, 29.957, 301.559



33, 4.034, 278.063



22, 71.783, 299.857



1, 7.581, 279.218

Previews

White Background



This preview shows how the CIELCh color 65, 21.674, 93.287 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, 21.674, 93.287 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, 21.674, 93.287

Background



This preview shows how black text looks on a background with the CIELCh color 65, 21.674, 93.287.



This preview shows how white text looks on a background with the CIELCh color 65, 21.674, 93.287.

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, 21.674, 93.287

Protanopia

65, 21.978, 95.716

Deuteranopia

65, 22.670, 68.682



Tritanopia
65, 11.390, 344.773

Trichromacy



Original Color
65, 21.674, 93.287

Protanomaly
65, 21.978, 95.716

Deuteranomaly
65, 21.691, 76.354

Tritanomaly
65, 8.635, 42.584

Monochromacy



Original Color
65, 21.674, 93.287

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 7.993, 94.946

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 21.674, 93.287 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(170, 157, 119)` looks like.

```
.text, #text, p{  
    color:rgb(170, 157, 119)  
}
```

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(170, 157, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 157, 119) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 21.674, 93.287 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(170, 157, 119) }
```

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

```
.border{ border-color:rgb(170, 157, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 157, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 157, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 157, 119);  
box-shadow:4px 4px 4px 4px rgb(170, 157,  
119) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 21.674, 93.287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 157, 119) }
```

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

```
.background{ background-color: rgb(170,  
157, 119) }
```

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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