

Converting Colors

CIELCh(65, 40.632, 96.469)

Have a look what the booklet for
CIELCh(65, 40.632, 96.469) contains.

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Color

CIELCh(65, 40.555, 96.375)

Conversions

Conversions Part 1

Format	Color
Hex	AD9E54
RGB	173, 158, 84
RGB Percent	68%, 62%, 33%
CMY	0.3210, 0.3798, 0.6700
CMYK	0.00, 0.09, 0.51, 0.32
HSL	50°, 35%, 50%
HSV	50°, 51%, 68%
XYZ	31.1248, 34.0472, 13.3471
YIQ	154.0490, 32.6940, -19.8340

Conversions

Conversions Part 2

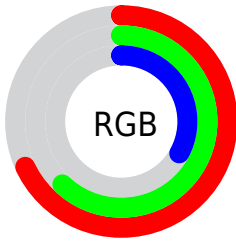
Format	Color
RYB	102, 173, 84
Decimal	11378260
CIELab	65.00, -4.50, 40.30
CIELCh	65, 40.555, 96.375
Yxy	34.0472, 0.3964, 0.4336
Android (android.graphics.Color)	4289568340 (0xFFAD9E54)
YUV	154.0490, -34.5342, 16.6200
Hunter-Lab	58.3500, -6.8978, 27.2829

Details

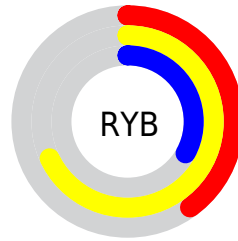
The CIELCh color **65, 40.555, 96.375** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **44, 44.273, 290.579**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 40.537, 96.167**, and **45, 40.547, 96.771** is the 20% darker color. If you saturate the color by 10%, you get **64, 47.819, 95.210**, and if you desaturate by 10%, it is **66, 32.879, 97.548**.

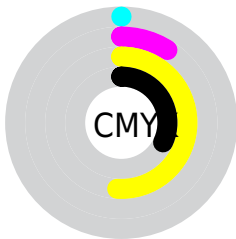
Distribution



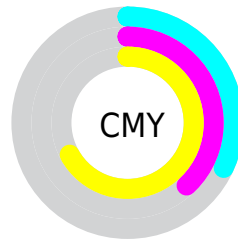
- Red (68%)
- Green (62%)
- Blue (33%)



- Red (40%)
- Yellow (68%)
- Blue (33%)



- Cyan (0%)
- Magenta (9%)
- Yellow (51%)
- Black (32%)



- Cyan (32%)
- Magenta (38%)
- Yellow (67%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 40.555, 96.375 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, 40.555, 96.375 by changing the saturation by 10% instead.

 65, 40.555, 96.375

 65, 40.555, 96.375

 100, 40.555,
96.375

 55, 40.555, 96.375

 85, 40.555, 96.375

 45, 40.555, 96.375

 95, 40.555, 96.375

 35, 40.555, 96.375

 25, 40.555, 96.375

 15, 40.555, 96.375

 5, 40.555, 96.375

 0, 40.555, 96.375

 65, 40.555, 96.375

 65, 40.555, 96.375

 64, 47.819, 95.210

 66, 32.879, 97.548

63, 54.340, 94.045

67, 24.996, 98.710

62, 59.643, 92.878

68, 17.030, 99.855

61, 63.177, 91.681

69, 9.053, 100.972

61, 64.936, 90.619

71, 1.106, 101.964

72, 6.787, 283.151

73, 14.615,
284.155

74, 22.372,
285.121

76, 30.054,
286.042

Harmonies

Complementary

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



65, 40.555, 96.375



44, 44.273, 290.579

Rectangle

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



65, 40.555, 96.375



65, 40.555, 146.375



65, 40.555, 276.375



65, 40.555, 326.375

Sweetspot

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



65, 40.556, 96.378



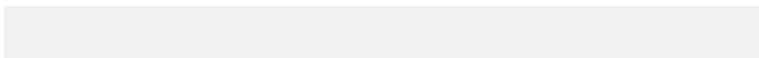
87, 14.715, 100.546



47, 38.810, 11.639



46, 10.031, 100.318



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, 40.556, 96.378



81, 59.433, 95.015



67, 48.491, 119.654



36, 4.494, 101.201



53, 58.612, 90.775



6, 8.866, 98.348

Inverse Universe

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



44, 44.273, 290.579



50, 67.323, 293.474



43, 54.116, 306.150



34, 4.554, 283.312



20, 80.473, 303.011



1, 9.832, 283.915

Previews

White Background



This preview shows how the CIELCh color 65, 40.555, 96.375 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, 40.555, 96.375 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

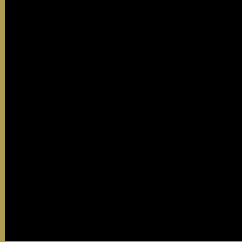
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 40.555, 96.375

Background



This preview shows how black text looks on a background with the CIELCh color 65, 40.555, 96.375.



This preview shows how white text looks on a background with the CIELCh color 65, 40.555, 96.375.

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, 40.555, 96.375

Protanopia

65, 40.640, 95.756

Deuteranopia

65, 40.510, 77.786



Tritanopia
65, 14.063, 352.646

Trichromacy



Original Color
65, 40.555, 96.375

Protanomaly
65, 40.640, 95.756

Deuteranomaly
65, 40.178, 84.490

Tritanomaly
65, 15.119, 63.858

Monochromacy



Original Color
65, 40.555, 96.375

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 15.082, 100.746

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 40.555, 96.375 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(173, 158, 84)` looks like.

```
.text, #text, p{  
    color:rgb(173, 158, 84)  
}
```

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(173, 158, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 158, 84) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 40.555, 96.375 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(173, 158, 84) }
```

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

```
.border{ border-color:rgb(173, 158, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 158, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 158, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 158, 84);  
box-shadow:4px 4px 4px 4px rgb(173, 158,  
84) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 40.555, 96.375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 158, 84) }
```

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

```
.background{ background-color: rgb(173,  
158, 84) }
```

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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