

Converting Colors

CIELCh(65, 36.824, 95.304)

Have a look what the booklet for
CIELCh(65, 36.824, 95.304) contains.

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Color

CIELCh(65, 37.115, 95.276)

Conversions

Conversions Part 1

Format	Color
Hex	AE9E5B
RGB	174, 158, 91
RGB Percent	68%, 62%, 36%
CMY	0.3190, 0.3817, 0.6444
CMYK	0.00, 0.09, 0.48, 0.32
HSL	48°, 34%, 52%
HSV	48°, 48%, 68%
XYZ	31.4211, 34.0472, 14.7417
YIQ	155.1460, 31.0430, -17.4450

Conversions

Conversions Part 2

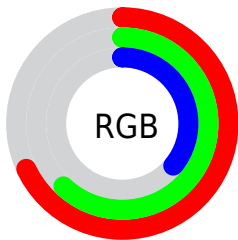
Format	Color
RYB	111, 174, 91
Decimal	11443803
CIELab	65.00, -3.41, 36.96
CIElCh	65, 37.115, 95.276
Yxy	34.0472, 0.3917, 0.4245
Android (android.graphics.Color)	4289633883 (0xFFAE9E5B)
YUV	155.1460, -31.6240, 16.5350
Hunter-Lab	58.3500, -5.9913, 25.8657

Details


The CIELCh color **65, 37.115, 95.276** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **47, 39.751, 288.508**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 37.161, 94.954**, and **45, 36.968, 95.111** is the 20% darker color. If you saturate the color by 10%, you get **64, 44.496, 94.063**, and if you desaturate by 10%, it is **66, 29.445, 96.486**.

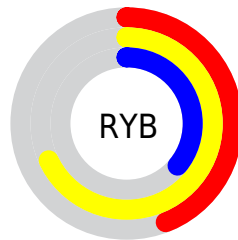
Distribution



 Red (68%)

 Green (62%)

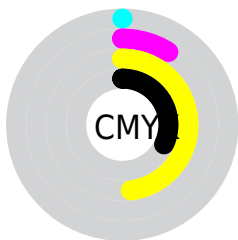
 Blue (36%)



 Red (44%)

 Yellow (68%)

 Blue (36%)

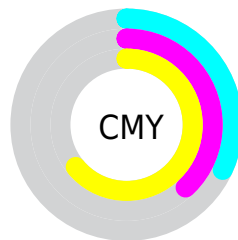



 Cyan (0%)

 Magenta (9%)

 Yellow (48%)

 Black (32%)



 Cyan (32%)

 Magenta (38%)

 Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 37.115, 95.276 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, 37.115, 95.276 by changing the saturation by 10% instead.

■ 65, 37.115, 95.276

■ 65, 37.115, 95.276

■ 100, 37.115,
95.276

■ 55, 37.115, 95.276

■ 85, 37.115, 95.276

■ 45, 37.115, 95.276

■ 95, 37.115, 95.276

■ 35, 37.115, 95.276

■ 25, 37.115, 95.276

■ 15, 37.115, 95.276

■ 5, 37.115, 95.276

■ 0, 37.115, 95.276

■ 65, 37.115, 95.276

■ 65, 37.115, 95.276

■ 64, 44.496, 94.063

■ 66, 29.445, 96.486

63, 51.312, 92.836

67, 21.649, 97.675

62, 57.143, 91.588

69, 13.823, 98.838

61, 61.432, 90.290

70, 6.021, 99.963

60, 63.836, 88.897

71, 1.726, 281.166

60, 64.306, 88.588

73, 9.404, 282.161

74, 17.005,
283.170

76, 24.528,
284.136

77, 31.971,
285.056

Harmonies

Complementary

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



65, 37.115, 95.276



47, 39.751, 288.508

Rectangle

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



65, 37.115, 95.276



65, 37.115, 145.276



65, 37.115, 275.276



65, 37.115, 325.276

Sweetspot

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



65, 37.116, 95.280



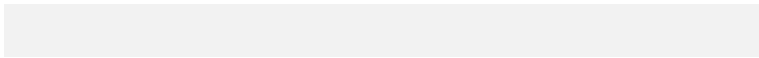
88, 13.518, 99.240



49, 36.047, 9.588



47, 9.415, 98.999



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



65, 37.116, 95.280



82, 54.559, 94.033



67, 45.262, 119.126



36, 4.382, 99.795



52, 57.924, 88.776



6, 8.580, 96.327

Inverse Universe

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



47, 39.751, 288.508



54, 60.007, 290.968



44, 50.160, 305.335



34, 4.434, 281.951



20, 78.491, 302.262



1, 9.627, 282.865

Previews

White Background



This preview shows how the CIELCh color 65, 37.115, 95.276 looks on a white background.

Color Contrast Check

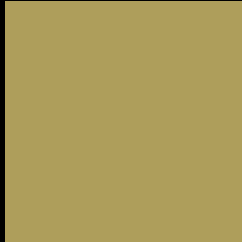
Large Text (above 18pt) WCAG AA × Fail

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, 37.115, 95.276 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

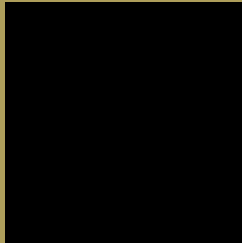
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 37.115, 95.276

Background



This preview shows how black text looks on a background with the CIELCh color 65, 37.115, 95.276.



This preview shows how white text looks on a background with the CIELCh color 65, 37.115, 95.276.

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, 37.115, 95.276

Protanopia

65, 37.025, 95.947

Deuteranopia

65, 37.617, 77.533



Tritanopia
65, 14.063, 352.646

Trichromacy



Original Color
65, 37.115, 95.276

Protanomaly
65, 37.025, 95.947

Deuteranomaly
65, 36.561, 83.621

Tritanomaly
65, 14.320, 60.939

Monochromacy



Original Color
65, 37.115, 95.276

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 13.509, 98.309

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 37.115, 95.276 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(174, 158, 91)` looks like.

```
.text, #text, p{  
    color:rgb(174, 158, 91)  
}
```

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(174, 158, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 158, 91) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 37.115, 95.276 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(174, 158, 91) }
```

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

```
.border{ border-color:rgb(174, 158, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 158, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(174, 158, 91); -webkit-box-shadow:4px 4px 4px 4px rgb(174, 158, 91); box-shadow:4px 4px 4px 4px rgb(174, 158, 91) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 37.115, 95.276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 158, 91) }
```

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

```
.background{ background-color: rgb(174,  
158, 91) }
```

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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