

Converting Colors

CIELCh(65, 32.743, 55.718)

Have a look what the booklet for
CIELCh(65, 32.743, 55.718) contains.

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Color

CIELCh(65, 32.908, 55.436)

Conversions

Conversions Part 1

Format	Color
Hex	CC906E
RGB	204, 144, 110
RGB Percent	80%, 56%, 43%
CMY	0.1988, 0.4342, 0.5676
CMYK	0.00, 0.29, 0.46, 0.20
HSL	22°, 48%, 62%
HSV	22°, 46%, 80%
XYZ	37.8347, 34.0472, 19.4076
YIQ	158.0640, 46.6740, 2.1460

Conversions

Conversions Part 2

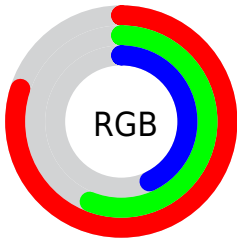
Format	Color
RYB	204, 163, 110
Decimal	13406318
CIELab	65.00, 18.67, 27.10
CIElCh	65, 32.908, 55.436
Yxy	34.0472, 0.4144, 0.3730
Android (android.graphics.Color)	4291596398 (0xFFCC906E)
YUV	158.0640, -23.6956, 40.2859
Hunter-Lab	58.3500, 13.6287, 21.1247

Details

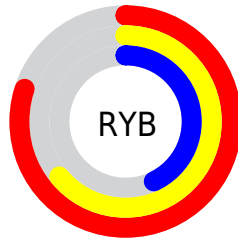
The CIELCh color **65, 32.908, 55.436** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **67, 25.555, 246.166**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 30.206, 58.834**, and **45, 32.729, 55.058** is the 20% darker color. If you saturate the color by 10%, you get **62, 41.447, 54.793**, and if you desaturate by 10%, it is **69, 24.864, 56.157**.

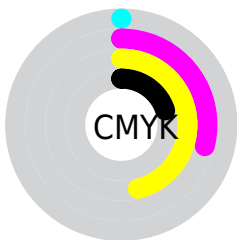
Distribution



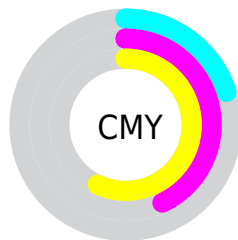
- Red (80%)
- Green (56%)
- Blue (43%)



- Red (80%)
- Yellow (64%)
- Blue (43%)



- Cyan (0%)
- Magenta (29%)
- Yellow (46%)
- Black (20%)



- Cyan (20%)
- Magenta (43%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 32.908, 55.436 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, 32.908, 55.436 by changing the saturation by 10% instead.

65, 32.908, 55.436

65, 32.908, 55.436

100, 32.908,
55.436

55, 32.908, 55.436

85, 32.908, 55.436

45, 32.908, 55.436

95, 32.908, 55.436

35, 32.908, 55.436

25, 32.908, 55.436

15, 32.908, 55.436

5, 32.908, 55.436

0, 32.908, 55.436

65, 32.908, 55.436

65, 32.908, 55.436

62, 41.447, 54.793

69, 24.864, 56.157

58, 50.382, 54.191

72, 17.339, 56.935

55, 59.445, 53.552

76, 10.313, 57.755

53, 68.030, 52.661

80, 3.748, 58.550

50, 75.023, 51.096

84, 2.401, 239.774

49, 77.532, 50.481

88, 8.178, 240.540

92, 13.627,
241.420

95, 14.922,
211.302

97, 16.774,
198.392

Harmonies

Complementary

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



65, 32.908, 55.436



67, 25.555, 246.166

Rectangle

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



65, 32.908, 55.436



65, 32.908, 105.436



65, 32.908, 235.436



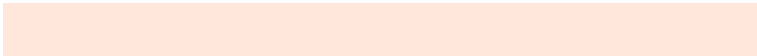
65, 32.908, 285.436

Sweetspot

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



65, 32.907, 55.441



94, 10.715, 57.908



59, 47.754, 340.190



49, 7.453, 57.727



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



65, 32.907, 55.441



76, 48.653, 54.813



77, 42.387, 98.070



41, 3.563, 58.299



40, 66.021, 51.043



7, 14.858, 42.488

Inverse Universe

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



67, 25.555, 246.166



79, 35.476, 248.679



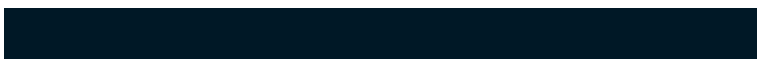
54, 46.011, 290.418



41, 3.415, 240.227



43, 39.350, 266.255



7, 12.777, 254.629

Previews

White Background



This preview shows how the CIELCh color 65, 32.908, 55.436 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, 32.908, 55.436 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

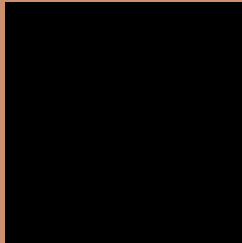
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 32.908, 55.436

Background



This preview shows how black text looks on a background with the CIELCh color 65, 32.908, 55.436.

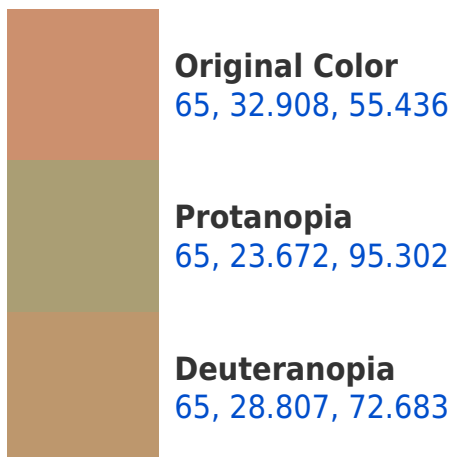


This preview shows how white text looks on a background with the CIELCh color 65, 32.908, 55.436.

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](#).

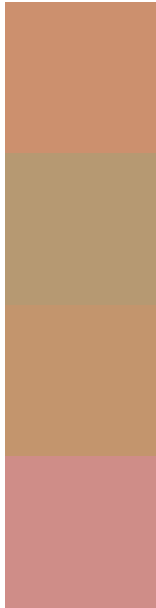
Dichromacy





Tritanopia
65, 28.222, 10.141

Trichromacy



Original Color
65, 32.908, 55.436

Protanomaly
65, 25.063, 78.074

Deuteranomaly
65, 30.308, 66.377

Tritanomaly
65, 27.642, 27.742

Monochromacy



Original Color
65, 32.908, 55.436

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 11.140, 56.468

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 32.908, 55.436 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(204, 144, 110)` looks like.

```
.text, #text, p{  
    color:rgb(204, 144, 110)  
}
```

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(204, 144, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 144, 110) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 32.908, 55.436 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(204, 144, 110) }
```

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

```
.border{ border-color:rgb(204, 144, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 144, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 144, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 144, 110);  
box-shadow:4px 4px 4px 4px rgb(204, 144,  
110) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 32.908, 55.436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 144, 110) }
```

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

```
.background{ background-color: rgb(204,  
144, 110) }
```

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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