

Converting Colors

CIELCh(65, 42.917, 59.254)

Have a look what the booklet for
CIELCh(65, 42.917, 59.254) contains.

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Color

CIELCh(65, 42.919, 58.494)

Conversions

Conversions Part 1

Format	Color
Hex	D58D5D
RGB	213, 141, 93
RGB Percent	84%, 55%, 36%
CMY	0.1641, 0.4465, 0.6348
CMYK	0.00, 0.34, 0.56, 0.16
HSL	24°, 59%, 60%
HSV	24°, 56%, 84%
XYZ	39.0067, 34.0472, 14.8998
YIQ	157.0560, 58.3200, 0.3360

Conversions

Conversions Part 2

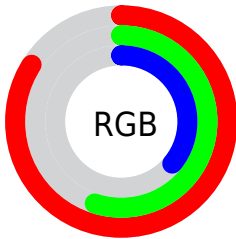
Format	Color
RYB	213, 173, 93
Decimal	13995357
CIELab	65.00, 22.43, 36.59
CIElCh	65, 42.919, 58.494
Yxy	34.0472, 0.4435, 0.3871
Android (android.graphics.Color)	4292185437 (0xFFD58D5D)
YUV	157.0560, -31.5796, 49.0629
Hunter-Lab	58.3500, 17.2141, 25.7052

Details

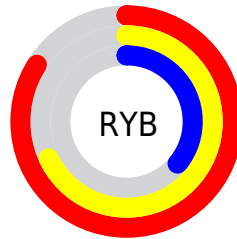
The CIELCh color **65, 42.919, 58.494** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **65, 32.467, 254.334**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 37.159, 65.778**, and **45, 43.136, 58.179** is the 20% darker color. If you saturate the color by 10%, you get **62, 51.960, 57.635**, and if you desaturate by 10%, it is **68, 34.215, 59.371**.

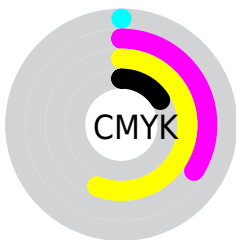
Distribution



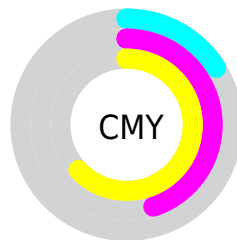
- Red (84%)
- Green (55%)
- Blue (36%)



- Red (84%)
- Yellow (68%)
- Blue (36%)



- Cyan (0%)
- Magenta (34%)
- Yellow (56%)
- Black (16%)



- Cyan (16%)
- Magenta (45%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 42.919, 58.494 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, 42.919, 58.494 by changing the saturation by 10% instead.

65, 42.919, 58.494

65, 42.919, 58.494

100, 42.919,
58.494

55, 42.919, 58.494

85, 42.919, 58.494

45, 42.919, 58.494

95, 42.919, 58.494

35, 42.919, 58.494

25, 42.919, 58.494

15, 42.919, 58.494

5, 42.919, 58.494

0, 42.919, 58.494

65, 42.919, 58.494

65, 42.919, 58.494

62, 51.960, 57.635

68, 34.215, 59.371

59, 61.038, 56.691

72, 25.970, 60.283

56, 69.497, 55.448

75, 18.214, 61.233

53, 76.205, 53.499

79, 10.935, 62.206

53, 78.417, 52.766

83, 4.099, 63.145

87, 2.337, 244.476

91, 8.415, 245.344

94, 11.603,
229.859

97, 14.004,
198.572

Harmonies

Complementary

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



65, 42.919, 58.494



65, 32.467, 254.334

Rectangle

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



65, 42.919, 58.494



65, 42.919, 108.494



65, 42.919, 238.494



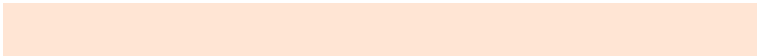
65, 42.919, 288.494

Sweetspot

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



65, 42.918, 58.498



93, 13.219, 62.122



57, 57.355, 344.031



48, 8.899, 61.924



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, 42.918, 58.498



72, 61.984, 57.423



80, 55.286, 99.815



43, 3.738, 62.868



42, 66.174, 53.367



8, 17.394, 47.657

Inverse Universe

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



65, 32.467, 254.334



72, 43.877, 258.553



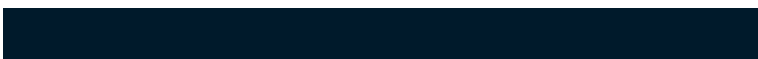
49, 63.171, 295.057



43, 3.602, 245.023



42, 43.446, 272.033



8, 14.833, 260.720

Previews

White Background



This preview shows how the CIELCh color 65, 42.919, 58.494 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, 42.919, 58.494 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, 42.919, 58.494

Background



This preview shows how black text looks on a background with the CIELCh color 65, 42.919, 58.494.



This preview shows how white text looks on a background with the CIELCh color 65, 42.919, 58.494.

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, 33.577, 13.765

Trichromacy



Original Color
65, 42.919, 58.494

Protanomaly
65, 34.270, 80.026

Deuteranomaly
65, 39.194, 69.570

Tritanomaly
65, 34.353, 32.666

Monochromacy



Original Color
65, 42.919, 58.494

Achromatopsia
65, 0.008, 296.813

Achromatomaly
64, 14.341, 60.927

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 42.919, 58.494 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(213, 141, 93)` looks like.

```
.text, #text, p{  
    color:rgb(213, 141, 93)  
}
```

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(213, 141, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 141, 93) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 42.919, 58.494 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(213, 141, 93) }
```

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

```
.border{ border-color:rgb(213, 141, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 141, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(213, 141, 93); -webkit-box-shadow:4px 4px 4px 4px rgb(213, 141, 93); box-shadow:4px 4px 4px 4px rgb(213, 141, 93) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 42.919, 58.494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 141, 93) }
```

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

```
.background{ background-color: rgb(213,  
141, 93) }
```

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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