

Converting Colors

CIELCh(65, 24.478, 51.438)

Have a look what the booklet for
CIELCh(65, 24.478, 51.438) contains.

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Color

CIELCh(65, 24.719, 51.558)

Conversions

Conversions Part 1

Format	Color
Hex	C4937C
RGB	196, 147, 124
RGB Percent	77%, 58%, 49%
CMY	0.2315, 0.4236, 0.5138
CMYK	0.00, 0.25, 0.37, 0.23
HSL	19°, 38%, 63%
HSV	19°, 37%, 77%
XYZ	36.8251, 34.0472, 23.6922
YIQ	159.0290, 36.5870, 3.2350

Conversions

Conversions Part 2

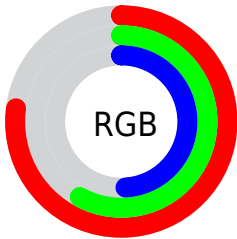
Format	Color
R _Y B	196, 158, 124
Decimal	12882812
CIE Lab	65.00, 15.37, 19.36
CIE LCh	65, 24.719, 51.558
Yxy	34.0472, 0.3894, 0.3600
Android (android.graphics.Color)	4291072892 (0xFFC4937C)
YUV	159.0290, -17.2693, 32.4236
Hunter-Lab	58.3500, 10.5401, 16.7711

Details

The CIELCh color **65, 24.719, 51.558** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **68, 19.885, 238.275**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 24.655, 51.024**, and **45, 24.909, 51.014** is the 20% darker color. If you saturate the color by 10%, you get **61, 32.656, 51.102**, and if you desaturate by 10%, it is **69, 17.321, 52.119**.

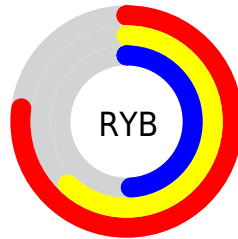
Distribution



Red (77%)

Green (58%)

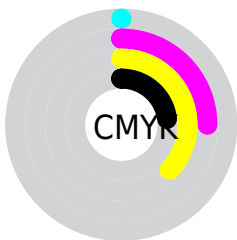
Blue (49%)



Red (77%)

Yellow (62%)

Blue (49%)

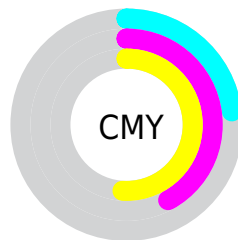


Cyan (0%)

Magenta (25%)

Yellow (37%)

Black (23%)



Cyan (23%)

Magenta (42%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 24.719, 51.558 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, 24.719, 51.558 by changing the saturation by 10% instead.

■ 65, 24.719, 51.558

■ 65, 24.719, 51.558

■ 100, 24.719,
51.558

■ 55, 24.719, 51.558

■ 85, 24.719, 51.558

■ 45, 24.719, 51.558

■ 95, 24.719, 51.558

■ 35, 24.719, 51.558

■ 25, 24.719, 51.558

■ 15, 24.719, 51.558

■ 5, 24.719, 51.558

■ 0, 24.719, 51.558

■ 65, 24.719, 51.558

■ 65, 24.719, 51.558

■ 61, 32.656, 51.102

■ 69, 17.321, 52.119

58, 41.116, 50.742

73, 10.445, 52.741

55, 49.998, 50.467

76, 4.053, 53.367

52, 59.039, 50.195

80, 1.902, 234.483

49, 67.635, 49.700

84, 7.468, 235.055

47, 74.689, 48.554

88, 12.689,
235.802

46, 76.855, 48.256

92, 16.135,
226.782

96, 18.875,
200.345

96, 19.321,
198.230

Harmonies

Complementary

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



65, 24.719, 51.558



68, 19.885, 238.275

Rectangle

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



65, 24.719, 51.558



65, 24.719, 101.558



65, 24.719, 231.558



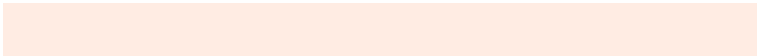
65, 24.719, 281.558

Sweetspot

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



65, 24.718, 51.564



95, 8.329, 53.100



61, 38.045, 337.737



50, 5.624, 53.012



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, 24.718, 51.564



79, 37.779, 51.188



74, 31.872, 97.151



39, 3.412, 53.213



38, 65.968, 48.770



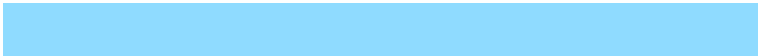
5, 11.804, 40.628

Inverse Universe

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



68, 19.885, 238.275



84, 28.734, 239.767



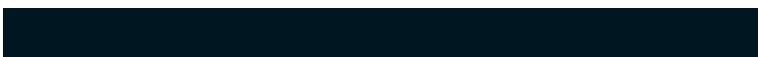
58, 33.516, 286.783



39, 3.254, 234.842



44, 35.593, 259.070



6, 10.711, 248.282

Previews

White Background



This preview shows how the CIELCh color 65, 24.719, 51.558 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, 24.719, 51.558 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

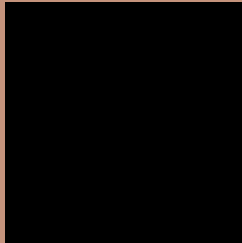
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 24.719, 51.558

Background



This preview shows how black text looks on a background with the CIELCh color 65, 24.719, 51.558.

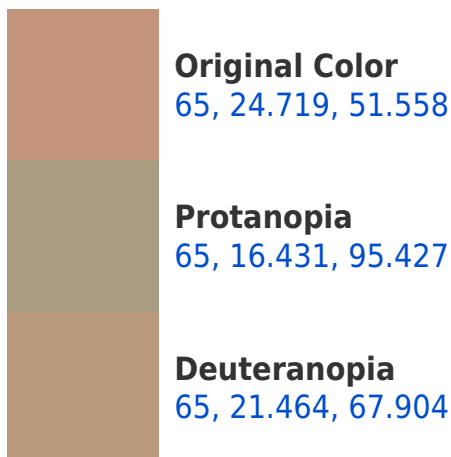



This preview shows how white text looks on a background with the CIELCh color 65, 24.719, 51.558.

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, 22.970, 6.580

Trichromacy



Original Color
65, 24.719, 51.558

Protanomaly
65, 18.084, 74.922

Deuteranomaly
65, 22.548, 61.426

Tritanomaly
65, 22.046, 22.986

Monochromacy



Original Color
65, 24.719, 51.558

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 8.417, 56.005

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 24.719, 51.558 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(196, 147, 124)` looks like.

```
.text, #text, p{  
    color:rgb(196, 147, 124)  
}
```

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(196, 147, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 147, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 24.719, 51.558 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(196, 147, 124) }
```

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

```
.border{ border-color:rgb(196, 147, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 147, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 147, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 147, 124);  
box-shadow:4px 4px 4px 4px rgb(196, 147,  
124) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 24.719, 51.558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 147, 124) }
```

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

```
.background{ background-color: rgb(196,  
147, 124) }
```

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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