

Converting Colors

CIELCh(64, 24.166, 42.321)

Have a look what the booklet for
CIELCh(64, 24.166, 42.321) contains.

CIELCh(64, 24.322, 42.466)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(64, 24.322, 42.466)

Conversions

Conversions Part 1

Format	Color
Hex	C48F7F
RGB	196, 143, 127
RGB Percent	77%, 56%, 50%
CMY	0.2324, 0.4401, 0.5029
CMYK	0.00, 0.27, 0.35, 0.23
HSL	14°, 37%, 63%
HSV	14°, 35%, 77%
XYZ	36.3011, 32.8017, 24.4178
YIQ	157.0230, 36.7240, 6.2600

Conversions

Conversions Part 2

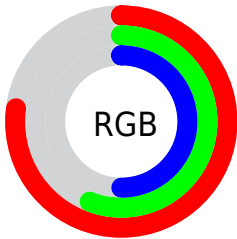
Format	Color
R_{YB}	196, 148, 127
Decimal	12881791
CIE Lab	64.00, 17.94, 16.42
CIE LCh	64, 24.322, 42.466
Yxy	32.8017, 0.3882, 0.3507
Android (android.graphics.Color)	4291071871 (0xFFC48F7F)
YUV	157.0230, -14.8013, 34.1828
Hunter-Lab	57.2727, 12.9112, 14.8131

Details

The CIELCh color **64, 24.322, 42.466** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **70, 19.113, 225.677**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 24.300, 42.259**, and **44, 24.541, 41.616** is the 20% darker color. If you saturate the color by 10%, you get **60, 32.522, 42.565**, and if you desaturate by 10%, it is **68, 16.717, 42.534**.

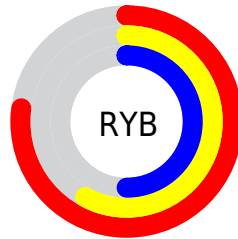
Distribution



Red (77%)

Green (56%)

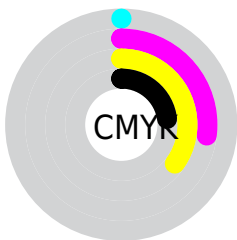
Blue (50%)



Red (77%)

Yellow (58%)

Blue (50%)

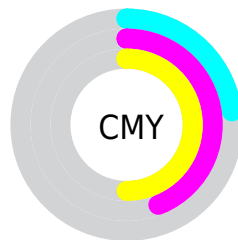


Cyan (0%)

Magenta (27%)

Yellow (35%)

Black (23%)



Cyan (23%)

Magenta (44%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 24.322, 42.466 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 64, 24.322, 42.466 by changing the saturation by 10% instead.

 64, 24.322, 42.466

 64, 24.322, 42.466

 100, 24.322,
42.466

 54, 24.322, 42.466

 84, 24.322, 42.466

 44, 24.322, 42.466

 94, 24.322, 42.466

 34, 24.322, 42.466

 24, 24.322, 42.466

 14, 24.322, 42.466

 4, 24.322, 42.466

 0, 24.322, 42.466

 64, 24.322, 42.466

 64, 24.322, 42.466

 60, 32.522, 42.565

 68, 16.717, 42.534

56, 41.301, 42.841

72, 9.689, 42.710

53, 50.566, 43.309

77, 3.199, 42.896

50, 60.080, 43.915

81, 2.805, 223.617

47, 69.298, 44.459

86, 8.373, 223.913

45, 77.051, 44.441

90, 13.557,
224.345

44, 80.297, 44.461

94, 17.353,
210.428

96, 19.390,
198.226

Harmonies

Complementary

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



64, 24.322, 42.466



70, 19.113, 225.677

Rectangle

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



64, 24.322, 42.466



64, 24.322, 92.466



64, 24.322, 222.466



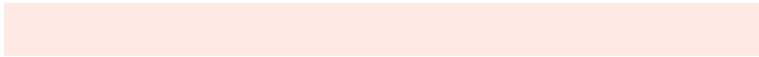
64, 24.322, 272.466

Sweetspot

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



64, 24.321, 42.472



94, 8.529, 42.799



62, 39.054, 333.437



49, 5.763, 42.768



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



64, 24.321, 42.472



78, 37.039, 42.524



72, 27.905, 90.504



39, 3.492, 42.838



36, 68.986, 44.856



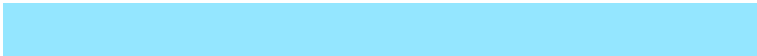
4, 12.225, 34.094

Inverse Universe

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



70, 19.113, 225.677



87, 27.393, 226.578



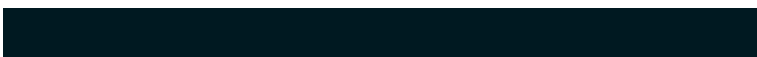
61, 28.296, 280.402



40, 3.302, 223.744



48, 31.735, 241.940



7, 10.338, 233.336

Previews

White Background



This preview shows how the CIELCh color 64, 24.322, 42.466 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 CIE LCh color 64, 24.322, 42.466 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

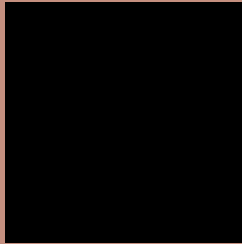
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 24.322, 42.466

Background



This preview shows how black text looks on a background with the CIELCh color 64, 24.322, 42.466.



This preview shows how white text looks on a background with the CIELCh color 64, 24.322, 42.466.

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

64, 24.322, 42.466

Protanopia

64, 12.622, 93.899

Deuteranopia

64, 18.696, 62.882



Tritanopia
64, 24.263, 7.568

Trichromacy



Original Color
64, 24.322, 42.466

Protanomaly
64, 14.971, 67.457

Deuteranomaly
64, 20.352, 55.164

Tritanomaly
64, 23.253, 19.080

Monochromacy



Original Color
64, 24.322, 42.466

Achromatopsia
65, 0.008, 296.813

Achromatomaly
64, 8.273, 43.636

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 24.322, 42.466 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, 143, 127)` looks like.

```
.text, #text, p{  
    color:rgb(196, 143, 127)  
}
```

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, 143, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 143, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 24.322, 42.466 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, 143, 127) }
```

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

```
.border{ border-color:rgb(196, 143, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 143, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 143, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 143, 127);  
box-shadow:4px 4px 4px 4px rgb(196, 143,  
127) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 24.322, 42.466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 143, 127) }
```

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

```
.background{ background-color: rgb(196,  
143, 127) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor