

Converting Colors

CIELCh(64, 24.068, 135.634)

Have a look what the booklet for
CIELCh(64, 24.068, 135.634)
contains.

| | |
|--|----|
| CIELCh(64, 23.824, 135.805) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 21 |
| <i>Color Blindness Simulation</i> | 24 |
| <i>CSS Examples</i> | 27 |

Color

CIELCh(64, 23.824, 135.805)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 87A37D |
| RGB | 135, 163, 125 |
| RGB Percent | 53%, 64%, 49% |
| CMY | 0.4708, 0.3610, 0.5100 |
| CMYK | 0.17, 0.00, 0.23, 0.36 |
| HSL | 104°, 17%, 56% |
| HSV | 104°, 23%, 64% |
| XYZ | 26.7696, 32.8017, 24.3054 |
| YIQ | 150.2960, -4.4900, -17.7540 |

Conversions

Conversions Part 2

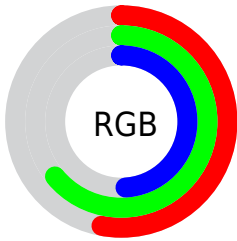
| Format | Color |
|-------------------------------------|--|
| RYB | 125, 163, 153 |
| Decimal | 8889213 |
| CIELab | 64.00, -17.08, 16.61 |
| CIElCh | 64, 23.824, 135.805 |
| Yxy | 32.8017, 0.3192, 0.3911 |
| Android (android.graphics.Color) | 4287079293 (0xFF87A37D) |
| YUV | 150.2960, -12.4709, -13.4146 |
| Hunter-Lab | 57.2727, -16.7953, 14.9295 |

Details

The CIELCh color $64, 23.824, 135.805$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $56, 24.178, 317.868$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 23.658, 135.683$, and $44, 23.555, 135.595$ is the 20% darker color. If you saturate the color by 10%, you get $63, 33.999, 135.253$, and if you desaturate by 10%, it is $65, 13.578, 136.314$.

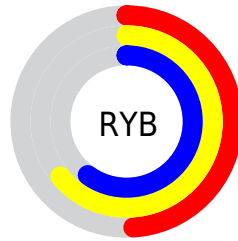
Distribution



Red (53%)

Green (64%)

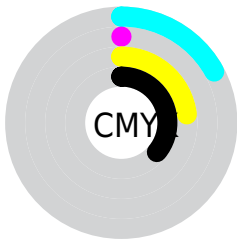
Blue (49%)



Red (49%)

Yellow (64%)

Blue (60%)

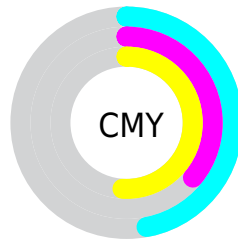


Cyan (17%)

Magenta (0%)

Yellow (23%)

Black (36%)



Cyan (47%)


Magenta (36%)


Yellow (51%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 23.824, 135.805 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, 23.824, 135.805 by changing the saturation by 10% instead.

 64, 23.824,
135.805


 64, 23.824,
135.805


 100, 23.824,
135.805


 54, 23.824,
135.805


 84, 23.824,
135.805

 44, 23.824,
135.805

 94, 23.824,
135.805

 34, 23.824,
135.805

 24, 23.824,
135.805

 14, 23.824,
135.805

 4, 23.824, 135.805

 0, 23.824, 135.805

64, 23.824,
135.805

64, 23.824,
135.805

63, 33.999,
135.253

65, 13.578,
136.314

62, 43.952,
134.671

67, 3.363, 136.801

61, 53.483,
134.091

68, 6.744, 317.124

60, 62.319,
133.572

69, 16.690,
317.483

60, 70.101,
133.206

71, 26.438,
317.786

59, 76.406,
133.112

73, 35.966,
318.045


59, 80.858,
133.401

74, 45.261,
318.267

59, 83.068,

76, 54.173,
318.531

133.669

 78, 55.658,
322.546

Harmonies

Complementary

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



64, 23.824, 135.805



56, 24.178, 317.868

Rectangle

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



64, 23.824, 135.805



64, 23.824, 185.805



64, 23.824, 315.805



64, 23.824, 5.805

Sweetspot

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



64, 23.826, 135.806



84, 8.801, 136.610



63, 16.039, 93.296



44, 5.766, 136.583



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



64, 23.826, 135.806



80, 35.386, 135.524



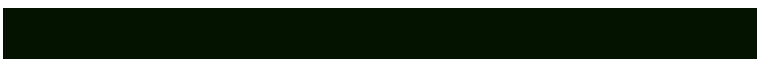
64, 21.951, 150.047



34, 5.763, 136.508



53, 76.280, 133.554



4, 9.018, 137.653

Inverse Universe

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



56, 24.178, 317.868



69, 36.023, 318.092



57, 22.073, 333.217



32, 5.803, 317.257



27, 78.188, 318.718



1, 8.823, 315.162

Previews

White Background



This preview shows how the CIELCh color 64, 23.824, 135.805 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 64, 23.824, 135.805 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, 23.824, 135.805

Background



This preview shows how black text looks on a background with the CIELCh color 64, 23.824, 135.805.



This preview shows how white text looks on a background with the CIELCh color 64, 23.824, 135.805.

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](#).

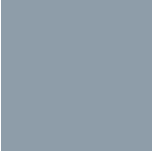
Dichromacy



Original Color
64, 23.824, 135.805

Protanopia
64, 18.860, 94.053

Deuteranopia
64, 17.249, 62.364



Tritanopia
64, 8.502, 251.245

Trichromacy



Original Color
64, 23.824, 135.805

Protanomaly
64, 19.372, 111.725

Deuteranomaly
64, 15.430, 94.617

Tritanomaly
64, 8.287, 174.863

Monochromacy



Original Color
64, 23.824, 135.805

Achromatopsia
62, 0.008, 296.813

Achromatomaly
63, 8.764, 135.821

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 23.824, 135.805 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(135, 163, 125)` looks like.

```
.text, #text, p{  
    color:rgb(135, 163, 125)  
}
```

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(135, 163, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 163, 125) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 23.824, 135.805 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(135, 163, 125) }
```

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

```
.border{ border-color:rgb(135, 163, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 163, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 163, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 163, 125);  
box-shadow:4px 4px 4px 4px rgb(135, 163,  
125) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 23.824, 135.805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 163, 125) }
```

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

```
.background{ background-color: rgb(135,  
163, 125) }
```

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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