

Converting Colors

CIELCh(64, 17.223, 102.807)

Have a look what the booklet for
CIELCh(64, 17.223, 102.807)
contains.

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Color

CIELCh(64, 17.223, 102.807)

Conversions

Conversions Part 1

Format	Color
Hex	A09C7D
RGB	160, 156, 125
RGB Percent	63%, 61%, 49%
CMY	0.3719, 0.3876, 0.5092
CMYK	0.00, 0.02, 0.22, 0.37
HSL	53°, 16%, 56%
HSV	53°, 22%, 63%
XYZ	30.1529, 32.8017, 24.1933
YIQ	153.6620, 12.3350, -8.7930

Conversions

Conversions Part 2

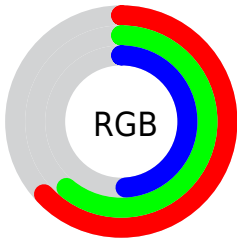
Format	Color
RYB	130, 160, 125
Decimal	10525821
CIELab	64.00, -3.82, 16.79
CIELCh	64, 17.223, 102.807
Yxy	32.8017, 0.3460, 0.3764
Android (android.graphics.Color)	4288715901 (0xFFA09C7D)
YUV	153.6620, -14.1304, 5.5584
Hunter-Lab	57.2727, -6.2508, 15.0455

Details

The CIELCh color $64, 17.223, 102.807$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $55, 17.870, 287.755$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 16.877, 102.165$, and $44, 17.227, 103.157$ is the 20% darker color. If you saturate the color by 10%, you get $63, 25.056, 101.739$, and if you desaturate by 10%, it is $65, 9.341, 103.869$.

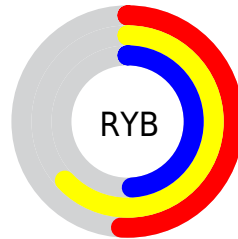
Distribution



Red (63%)

Green (61%)

Blue (49%)



Red (51%)

Yellow (63%)

Blue (49%)

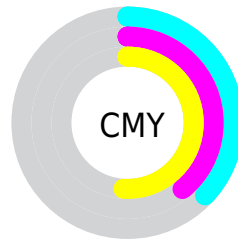


Cyan (0%)

Magenta (2%)

Yellow (22%)

Black (37%)



Cyan (37%)

Magenta (39%)

Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 64, 17.223, 102.807 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, 17.223, 102.807 by changing the saturation by 10% instead.


 64, 17.223,
102.807


 64, 17.223,
102.807


 100, 17.223,
102.807


 54, 17.223,
102.807


 84, 17.223,
102.807

 44, 17.223,
102.807

 94, 17.223,
102.807

 34, 17.223,
102.807

 24, 17.223,
102.807

 14, 17.223,
102.807

 4, 17.223, 102.807

 0, 17.223, 102.807

64, 17.223,
102.807

64, 17.223,
102.807

63, 25.056,
101.739

65, 9.341, 103.869

62, 32.757,
100.662

66, 1.455, 104.851

67, 6.406, 285.938

62, 40.198, 99.595

68, 14.226,
286.899

61, 47.170, 98.553

69, 21.992,
287.827

60, 53.356, 97.554

70, 29.700,
288.712

60, 58.322, 96.606

59, 61.600, 95.711

71, 37.345,
289.554

59, 63.266, 95.008

72, 44.925,
290.352

■ 73, 44.818,
289.625

Harmonies

Complementary

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



64, 17.223, 102.807



55, 17.870, 287.755

Rectangle

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



64, 17.223, 102.807



64, 17.223, 152.807



64, 17.223, 282.807



64, 17.223, 332.807

Sweetspot

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



64, 17.224, 102.812



83, 6.845, 104.355



56, 14.498, 11.837



44, 4.439, 104.301



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



64, 17.224, 102.812



81, 25.443, 102.315



64, 20.086, 123.797



33, 4.406, 104.140



53, 58.211, 95.092



4, 5.638, 103.932

Inverse Universe

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



55, 17.870, 287.755



67, 26.630, 288.442



55, 20.839, 306.082



31, 4.478, 286.127



17, 80.967, 304.305



1, 5.815, 285.398

Previews

White Background



This preview shows how the CIELCh color 64, 17.223, 102.807 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, 17.223, 102.807 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

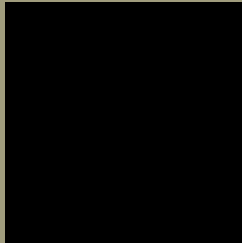
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

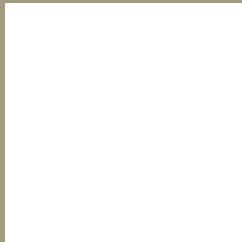
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 64, 17.223, 102.807

Background



This preview shows how black text looks on a background with the CIELCh color 64, 17.223, 102.807.



This preview shows how white text looks on a background with the CIELCh color 64, 17.223, 102.807.

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, 17.223, 102.807

Protanopia

64, 17.663, 94.696

Deuteranopia

64, 17.971, 62.637



Tritanopia
64, 8.591, 329.076

Trichromacy



Original Color
64, 17.223, 102.807

Protanomaly
64, 17.481, 97.358

Deuteranomaly
64, 16.950, 77.488

Tritanomaly
64, 4.497, 49.197

Monochromacy



Original Color
64, 17.223, 102.807

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 6.119, 105.816

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 17.223, 102.807 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(160, 156, 125)` looks like.

```
.text, #text, p{  
    color:rgb(160, 156, 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(160, 156, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 156, 125) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 17.223, 102.807 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(160, 156, 125) }
```

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

```
.border{ border-color:rgb(160, 156, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 156, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 156, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 156, 125);  
box-shadow:4px 4px 4px 4px rgb(160, 156,  
125) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 17.223, 102.807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 156, 125) }
```

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

```
.background{ background-color: rgb(160,  
156, 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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