

Converting Colors

CIELCh(64, 14.165, 82.836)

Have a look what the booklet for
CIELCh(64, 14.165, 82.836) contains.

CIELCh(64, 14.207, 83.010)	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, 14.207, 83.010)

Conversions

Conversions Part 1

Format	Color
Hex	A89982
RGB	168, 153, 130
RGB Percent	66%, 60%, 51%
CMY	0.3405, 0.3993, 0.4895
CMYK	0.00, 0.09, 0.23, 0.34
HSL	36°, 18%, 59%
HSV	36°, 23%, 66%
XYZ	31.6483, 32.8017, 25.8431
YIQ	154.8630, 16.3230, -3.9730

Conversions

Conversions Part 2

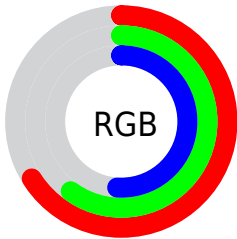
Format	Color
RYB	155, 168, 130
Decimal	11049346
CIELab	64.00, 1.73, 14.10
CIElCh	64, 14.207, 83.010
Yxy	32.8017, 0.3505, 0.3633
Android (android.graphics.Color)	4289239426 (0xFFA89982)
YUV	154.8630, -12.2575, 11.5211
Hunter-Lab	57.2727, -1.5901, 13.3376

Details

The CIELCh color $64, 14.207, 83.010$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $60, 13.888, 269.214$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 14.033, 83.092$, and $44, 14.074, 81.668$ is the 20% darker color. If you saturate the color by 10%, you get $62, 20.792, 81.693$, and if you desaturate by 10%, it is $66, 7.804, 84.298$.

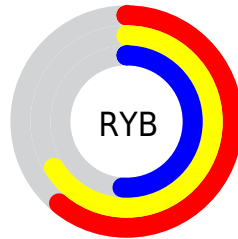
Distribution



Red (66%)

Green (60%)

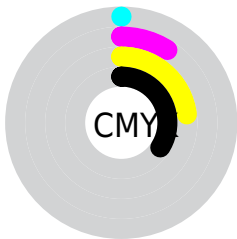
Blue (51%)



Red (61%)

Yellow (66%)

Blue (51%)

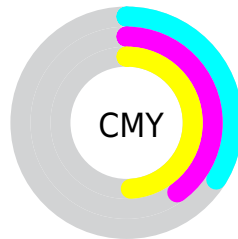


Cyan (0%)

Magenta (9%)

Yellow (23%)

Black (34%)



Cyan (34%)

Magenta (40%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 14.207, 83.010 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, 14.207, 83.010 by changing the saturation by 10% instead.

■ 64, 14.207, 83.010

■ 64, 14.207, 83.010

■ 100, 14.207,
83.010

■ 54, 14.207, 83.010

■ 84, 14.207, 83.010

■ 44, 14.207, 83.010

■ 94, 14.207, 83.010

■ 34, 14.207, 83.010

■ 24, 14.207, 83.010

■ 14, 14.207, 83.010

■ 4, 14.207, 83.010

■ 0, 14.207, 83.010

■ 64, 14.207, 83.010

■ 64, 14.207, 83.010

■ 62, 20.792, 81.693

■ 66, 7.804, 84.298

60, 27.536, 80.330

68, 1.581, 85.426

58, 34.380, 78.925

71, 4.467, 266.852

56, 41.200, 77.460

73, 10.353,
267.984

54, 47.746, 75.888

75, 16.092,
269.089

52, 53.575, 74.106

50, 58.013, 71.926

77, 21.696,
270.148

49, 60.561, 70.140

80, 27.180,
271.158

82, 27.938,
267.445

84, 25.685,
259.318

Harmonies

Complementary

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



64, 14.207, 83.010



60, 13.888, 269.214

Rectangle

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



64, 14.207, 83.010



64, 14.207, 133.010



64, 14.207, 263.010



64, 14.207, 313.010

Sweetspot

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



64, 14.208, 83.019



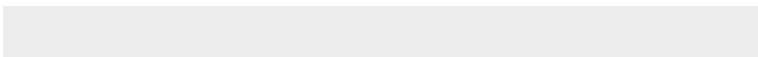
86, 5.334, 84.965



58, 17.273, 351.580



45, 3.464, 84.899



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



64, 14.208, 83.019



80, 21.216, 82.375



68, 20.786, 112.295



35, 3.489, 84.707



44, 55.077, 70.521



4, 5.886, 78.345

Inverse Universe

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



60, 13.888, 269.214



74, 20.624, 270.090



56, 21.875, 296.227



33, 3.465, 267.163



27, 57.688, 292.054



2, 6.667, 270.618

Previews

White Background



This preview shows how the CIELCh color 64, 14.207, 83.010 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, 14.207, 83.010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

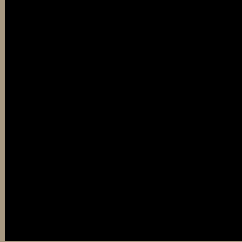
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 14.207, 83.010

Background



This preview shows how black text looks on a background with the CIELCh color 64, 14.207, 83.010.



This preview shows how white text looks on a background with the CIELCh color 64, 14.207, 83.010.

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, 14.207, 83.010

Protanopia

64, 13.697, 94.914

Deuteranopia

64, 16.077, 58.392



Tritanopia
64, 11.105, 343.564

Trichromacy



Original Color
64, 14.207, 83.010

Protanomaly
64, 13.539, 89.341

Deuteranomaly
64, 14.971, 67.457

Tritanomaly
64, 7.909, 24.100

Monochromacy



Original Color
64, 14.207, 83.010

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 5.020, 81.604

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 14.207, 83.010 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(168, 153, 130)` looks like.

```
.text, #text, p{  
    color:rgb(168, 153, 130)  
}
```

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(168, 153, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 153, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 14.207, 83.010 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(168, 153, 130) }
```

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

```
.border{ border-color:rgb(168, 153, 130) }
```

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

Here you see how a box with a 4 pixel rgb(168, 153, 130) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 153, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 153, 130);  
box-shadow:4px 4px 4px 4px rgb(168, 153,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 14.207, 83.010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 153, 130) }
```

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

```
.background{ background-color: rgb(168,  
153, 130) }
```

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