

Converting Colors

CIELCh(64, 36.759, 84.007)

Have a look what the booklet for
CIELCh(64, 36.759, 84.007) contains.

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Color

CIELCh(64, 36.950, 84.411)

Conversions

Conversions Part 1

Format	Color
Hex	B69759
RGB	182, 151, 89
RGB Percent	71%, 59%, 35%
CMY	0.2863, 0.4078, 0.6510
CMYK	0.00, 0.17, 0.51, 0.29
HSL	40°, 39%, 53%
HSV	40°, 51%, 71%
XYZ	32.1633, 32.8017, 14.0881
YIQ	153.2010, 38.3780, -12.7100

Conversions

Conversions Part 2

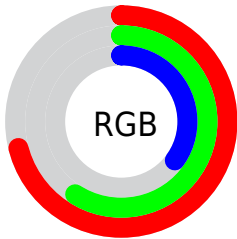
Format	Color
RYB	136, 182, 89
Decimal	11966297
CIELab	64.00, 3.60, 36.77
CIElCh	64, 36.950, 84.411
Yxy	32.8017, 0.4069, 0.4149
Android (android.graphics.Color)	4290156377 (0xFFB69759)
YUV	153.2010, -31.6511, 25.2567
Hunter-Lab	57.2727, 0.0150, 25.5066

Details

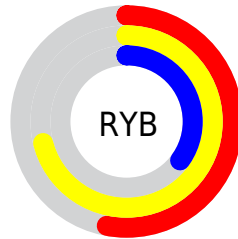
The CIELCh color **64, 36.950, 84.411** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **51, 36.803, 280.443**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 37.081, 84.234**, and **44, 36.842, 83.887** is the 20% darker color. If you saturate the color by 10%, you get **62, 44.227, 82.967**, and if you desaturate by 10%, it is **66, 29.547, 85.809**.

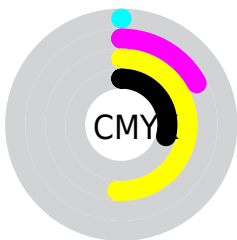
Distribution



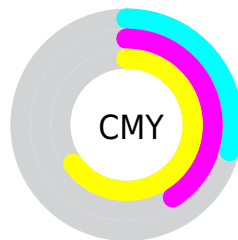
- Red (71%)
- Green (59%)
- Blue (35%)



- Red (53%)
- Yellow (71%)
- Blue (35%)



- Cyan (0%)
- Magenta (17%)
- Yellow (51%)
- Black (29%)



- Cyan (29%)
- Magenta (41%)
- Yellow (65%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 36.950, 84.411 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, 36.950, 84.411 by changing the saturation by 10% instead.

 64, 36.950, 84.411

 64, 36.950, 84.411

 100, 36.950,
84.411

 54, 36.950, 84.411

 84, 36.950, 84.411

 44, 36.950, 84.411

 94, 36.950, 84.411

 34, 36.950, 84.411

 24, 36.950, 84.411

 14, 36.950, 84.411

 4, 36.950, 84.411

 0, 36.950, 84.411

 64, 36.950, 84.411

 64, 36.950, 84.411

 62, 44.227, 82.967

 66, 29.547, 85.809

60, 51.097, 81.430

68, 22.169, 87.162

59, 57.085, 79.730

70, 14.890, 88.473

57, 61.507, 77.730

72, 7.747, 89.735

56, 64.073, 75.681

74, 0.751, 90.697

76, 6.100, 272.218

78, 12.810,
273.334

80, 19.389,
274.412

82, 25.848,
275.440

Harmonies

Complementary

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



64, 36.950, 84.411



51, 36.803, 280.443

Rectangle

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



64, 36.950, 84.411



64, 36.950, 134.411



64, 36.950, 264.411



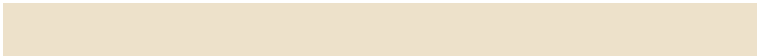
64, 36.950, 314.411

Sweetspot

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



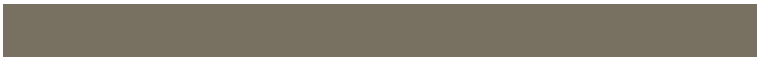
64, 36.950, 84.415



90, 13.045, 89.218



50, 41.006, 0.366



48, 8.993, 88.952



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



64, 36.950, 84.415



79, 54.738, 82.827



71, 48.995, 113.141



38, 3.975, 89.949



48, 57.071, 76.058



6, 9.682, 80.340

Inverse Universe

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



51, 36.803, 280.443



59, 55.064, 283.528



44, 55.834, 301.902



36, 3.975, 272.367



26, 66.686, 296.109



3, 11.814, 277.744

Previews

White Background



This preview shows how the CIELCh color 64, 36.950, 84.411 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, 36.950, 84.411 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, 36.950, 84.411

Background



This preview shows how black text looks on a background with the CIELCh color 64, 36.950, 84.411.



This preview shows how white text looks on a background with the CIELCh color 64, 36.950, 84.411.

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, 36.950, 84.411

Protanopia

64, 35.592, 95.621

Deuteranopia

64, 37.283, 77.118



Tritanopia
64, 18.733, 2.431

Trichromacy



Original Color
64, 36.950, 84.411

Protanomaly
64, 36.155, 92.136

Deuteranomaly
64, 36.788, 79.841

Tritanomaly
64, 19.087, 48.219

Monochromacy



Original Color
64, 36.950, 84.411

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 13.197, 86.916

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 36.950, 84.411 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(182, 151, 89)` looks like.

```
.text, #text, p{  
    color:rgb(182, 151, 89)  
}
```

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(182, 151, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 151, 89) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 36.950, 84.411 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(182, 151, 89) }
```

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

```
.border{ border-color:rgb(182, 151, 89) }
```

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

Here you see how a box with a 4 pixel rgb(182, 151, 89) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 151, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 151, 89);  
box-shadow:4px 4px 4px 4px rgb(182, 151,  
89) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 36.950, 84.411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 151, 89) }
```

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

```
.background{ background-color: rgb(182,  
151, 89) }
```

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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