

Converting Colors

CIELCh(64, 54.175, 95.565)

Have a look what the booklet for
CIELCh(64, 54.175, 95.565) contains.

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Color

CIELCh(64, 54.096, 96.044)

Conversions

Conversions Part 1

Format	Color
Hex	AD9C35
RGB	173, 156, 53
RGB Percent	68%, 61%, 21%
CMY	0.3226, 0.3892, 0.7931
CMYK	0.00, 0.10, 0.69, 0.32
HSL	52°, 53%, 44%
HSV	52°, 69%, 68%
XYZ	29.6574, 32.8017, 8.1061
YIQ	149.3410, 43.1950, -28.4290

Conversions

Conversions Part 2

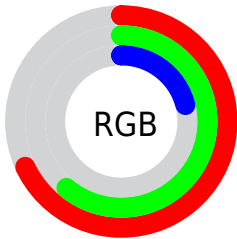
Format	Color
RYB	73, 173, 53
Decimal	11377717
CIELab	64.00, -5.70, 53.80
CIELCh	64, 54.096, 96.044
Yxy	32.8017, 0.4203, 0.4648
Android (android.graphics.Color)	4289567797 (0xFFAD9C35)
YUV	149.3410, -47.4961, 20.7489
Hunter-Lab	57.2727, -7.7950, 31.6993

Details

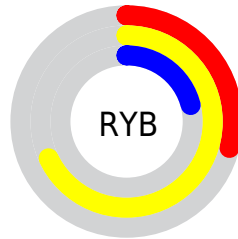
The CIELCh color **64, 54.096, 96.044** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **34, 63.793, 296.400**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 53.777, 95.976**, and **44, 50.845, 96.104** is the 20% darker color. If you saturate the color by 10%, you get **63, 59.664, 94.982**, and if you desaturate by 10%, it is **65, 47.368, 97.137**.

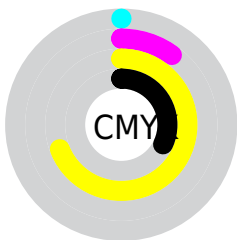
Distribution



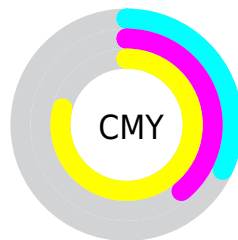
- Red (68%)
- Green (61%)
- Blue (21%)



- Red (29%)
- Yellow (68%)
- Blue (21%)



- Cyan (0%)
- Magenta (10%)
- Yellow (69%)
- Black (32%)



- Cyan (32%)
- Magenta (39%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 54.096, 96.044 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, 54.096, 96.044 by changing the saturation by 10% instead.

 64, 54.096, 96.044

 64, 54.096, 96.044

 100, 54.096,
96.044

 54, 54.096, 96.044

 84, 54.096, 96.044

 44, 54.096, 96.044

 94, 54.096, 96.044

 34, 54.096, 96.044

 24, 54.096, 96.044

 14, 54.096, 96.044

 4, 54.096, 96.044

 0, 54.096, 96.044

 64, 54.096, 96.044

 64, 54.096, 96.044

 63, 59.664, 94.982

 65, 47.368, 97.137

62, 63.542, 93.933

66, 39.925, 98.250

62, 65.678, 92.883

67, 32.078, 99.372

62, 65.787, 92.827

68, 24.020,
100.494

69, 15.872,
101.603

70, 7.702, 102.686

71, 0.448, 284.014

72, 8.553, 284.800

73, 16.601,
285.778

Harmonies

Complementary

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



64, 54.096, 96.044



34, 63.793, 296.400

Rectangle

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



64, 54.096, 96.044



64, 54.096, 146.044



64, 54.096, 276.044



64, 54.096, 326.044

Sweetspot

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



64, 54.096, 96.047



87, 21.192, 101.393



41, 52.737, 19.276



45, 14.326, 101.099



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



64, 54.096, 96.047



80, 75.193, 94.457



66, 63.191, 120.558



36, 4.623, 102.702



54, 59.483, 92.951



6, 9.209, 100.523

Inverse Universe

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



34, 63.793, 296.400



37, 95.913, 300.448



34, 73.457, 308.474



34, 4.693, 284.764



19, 82.524, 303.753



1, 10.066, 285.047

Previews

White Background



This preview shows how the CIELCh color 64, 54.096, 96.044 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, 54.096, 96.044 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, 54.096, 96.044

Background



This preview shows how black text looks on a background with the CIELCh color 64, 54.096, 96.044.



This preview shows how white text looks on a background with the CIELCh color 64, 54.096, 96.044.

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, 54.096, 96.044

Protanopia

64, 53.851, 95.025

Deuteranopia

64, 53.650, 80.751



Tritanopia
64, 14.957, 356.888

Trichromacy



Original Color
64, 54.096, 96.044

Protanomaly
64, 53.851, 95.025

Deuteranomaly
64, 53.146, 86.321

Tritanomaly
64, 21.073, 73.941

Monochromacy



Original Color
64, 54.096, 96.044

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 20.760, 99.695

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 54.096, 96.044 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(173, 156, 53)` looks like.

```
.text, #text, p{  
    color:rgb(173, 156, 53)  
}
```

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(173, 156, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 156, 53) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 54.096, 96.044 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(173, 156, 53) }
```

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

```
.border{ border-color:rgb(173, 156, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 156, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 156, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 156, 53);  
box-shadow:4px 4px 4px 4px rgb(173, 156,  
53) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 54.096, 96.044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 156, 53) }
```

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

```
.background{ background-color: rgb(173,  
156, 53) }
```

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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