

Converting Colors

CIELCh(64, 10.922, 30.674)

Have a look what the booklet for
CIELCh(64, 10.922, 30.674) contains.

CIELCh(64, 10.936, 29.086)	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, 10.936, 29.086)

Conversions

Conversions Part 1

Format	Color
Hex	B09592
RGB	176, 149, 146
RGB Percent	69%, 58%, 57%
CMY	0.3098, 0.4157, 0.4274
CMYK	0.00, 0.15, 0.17, 0.31
HSL	6°, 16%, 63%
HSV	6°, 17%, 69%
XYZ	33.8417, 32.8017, 31.7429
YIQ	156.7310, 17.0550, 4.7910

Conversions

Conversions Part 2

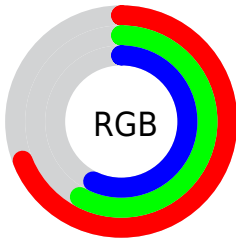
Format	Color
R_{YB}	176, 149, 146
Decimal	11572626
CIE _{Lab}	64.00, 9.56, 5.32
CIE _{LCh}	64, 10.936, 29.086
Yxy	32.8017, 0.3440, 0.3334
Android (android.graphics.Color)	4289762706 (0xFFB09592)
YUV	156.7310, -5.2904, 16.8989
Hunter-Lab	57.2727, 5.2460, 7.2300

Details

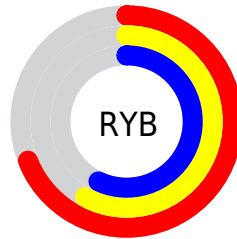
The CIELCh color $64, 10.936, 29.086$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $69, 9.769, 208.432$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 11.000, 28.365$, and $44, 10.931, 26.976$ is the 20% darker color. If you saturate the color by 10%, you get $60, 18.074, 29.634$, and if you desaturate by 10%, it is $69, 4.339, 28.674$.

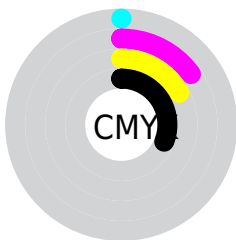
Distribution



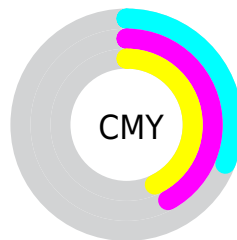
- Red (69%)
- Green (58%)
- Blue (57%)



- Red (69%)
- Yellow (58%)
- Blue (57%)



- Cyan (0%)
- Magenta (15%)
- Yellow (17%)
- Black (31%)



- Cyan (31%)
- Magenta (42%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 10.936, 29.086 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, 10.936, 29.086 by changing the saturation by 10% instead.

■ 64, 10.936, 29.086

■ 64, 10.936, 29.086

■ 100, 10.936,
29.086

■ 54, 10.936, 29.086

■ 84, 10.936, 29.086

■ 44, 10.936, 29.086

■ 94, 10.936, 29.086

■ 34, 10.936, 29.086

■ 24, 10.936, 29.086

■ 14, 10.936, 29.086

■ 4, 10.936, 29.086

■ 0, 10.936, 29.086

■ 64, 10.936, 29.086

■ 64, 10.936, 29.086

■ 60, 18.074, 29.634

■ 69, 4.339, 28.674

55, 25.770, 30.380

73, 1.749, 208.855

51, 34.000, 31.401

78, 7.373, 208.504

47, 42.686, 32.762

83, 12.584,
208.417

44, 51.667, 34.508

87, 17.429,
208.401

41, 60.651, 36.603

39, 69.056, 38.798

92, 21.952,
208.429

38, 75.781, 40.533

95, 25.108,
197.869

37, 77.641, 41.223

Harmonies

Complementary

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



64, 10.936, 29.086



69, 9.769, 208.432

Rectangle

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



64, 10.936, 29.086



64, 10.936, 79.086



64, 10.936, 209.086



64, 10.936, 259.086

Sweetspot

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



64, 10.935, 29.096



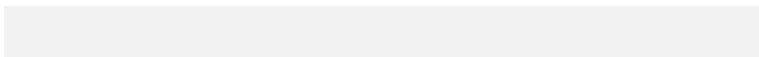
88, 3.791, 28.575



64, 18.825, 328.234



46, 2.591, 28.613



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



64, 10.935, 29.096



80, 16.137, 29.255



68, 10.980, 83.243



35, 3.561, 28.771



32, 69.520, 41.088



2, 8.497, 26.362

Inverse Universe

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



69, 9.769, 208.432



87, 14.076, 208.409



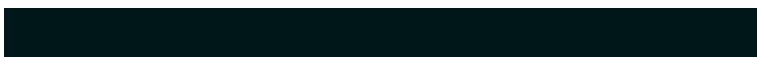
65, 10.788, 267.828



37, 3.355, 208.549



52, 30.514, 213.924



6, 7.999, 213.425

Previews

White Background



This preview shows how the CIELCh color 64, 10.936, 29.086 looks on a white background.

Color Contrast Check

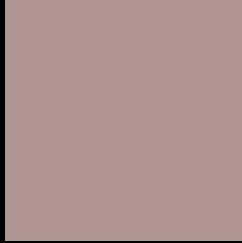
Large Text (above 18pt) WCAG AA × Fail

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, 10.936, 29.086 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

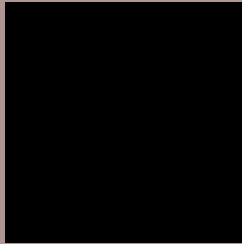
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 10.936, 29.086

Background



This preview shows how black text looks on a background with the CIELCh color 64, 10.936, 29.086.



This preview shows how white text looks on a background with the CIELCh color 64, 10.936, 29.086.

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, 10.936, 29.086

Protanopia

64, 3.665, 84.579

Deuteranopia

64, 9.847, 33.206



Tritanopia
64, 13.752, 351.840

Trichromacy



Original Color
64, 10.936, 29.086

Protanomaly
64, 5.475, 50.120

Deuteranomaly
64, 10.246, 32.726

Tritanomaly
64, 11.855, 4.293

Monochromacy



Original Color
64, 10.936, 29.086

Achromatopsia
65, 0.008, 296.813

Achromatomaly
64, 3.925, 27.763

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 10.936, 29.086 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(176, 149, 146)` looks like.

```
.text, #text, p{  
    color:rgb(176, 149, 146)  
}
```

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(176, 149, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 149, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 10.936, 29.086 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(176, 149, 146) }
```

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

```
.border{ border-color:rgb(176, 149, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 149, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 149, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 149, 146);  
box-shadow:4px 4px 4px 4px rgb(176, 149,  
146) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 10.936, 29.086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 149, 146) }
```

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

```
.background{ background-color: rgb(176,  
149, 146) }
```

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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