

Converting Colors

CIELCh(64, 44.148, 136.516)

Have a look what the booklet for
CIELCh(64, 44.148, 136.516)
contains.

CIELCh(64, 44.201, 136.524)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(64, 44.201, 136.524)

Conversions

Conversions Part 1

Format	Color
Hex	71A963
RGB	113, 169, 99
RGB Percent	44%, 66%, 39%
CMY	0.5567, 0.3371, 0.6116
CMYK	0.33, 0.00, 0.41, 0.34
HSL	108°, 29%, 53%
HSV	108°, 41%, 66%
XYZ	23.2611, 32.8017, 16.9169
YIQ	144.2760, -10.9060, -33.6420

Conversions

Conversions Part 2

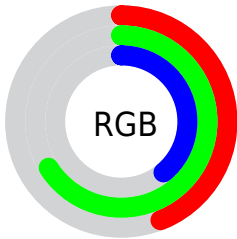
Format	Color
RYB	99, 169, 155
Decimal	7448931
CIELab	64.00, -32.08, 30.41
CIElCh	64, 44.201, 136.524
Yxy	32.8017, 0.3187, 0.4495
Android (android.graphics.Color)	4285639011 (0xFF71A963)
YUV	144.2760, -22.3211, -27.4291
Hunter-Lab	57.2727, -27.7301, 22.5782

Details

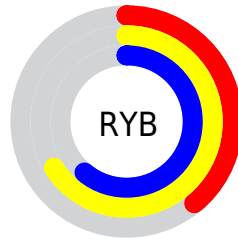
The CIELCh color $64, 44.201, 136.524$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $50, 44.975, 320.589$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 44.266, 136.584$, and $44, 43.880, 136.782$ is the 20% darker color. If you saturate the color by 10%, you get $63, 54.285, 135.854$, and if you desaturate by 10%, it is $65, 33.696, 137.170$.

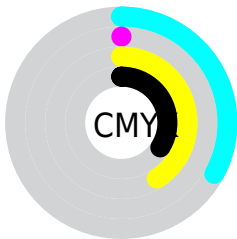
Distribution



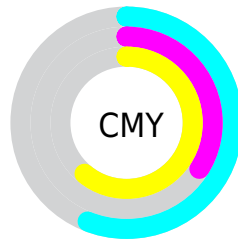
- Red (44%)
- Green (66%)
- Blue (39%)



- Red (39%)
- Yellow (66%)
- Blue (61%)



- Cyan (33%)
- Magenta (0%)
- Yellow (41%)
- Black (34%)



- Cyan (56%)
- Magenta (34%)
- Yellow (61%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 44.201, 136.524 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, 44.201, 136.524 by changing the saturation by 10% instead.

 64, 44.201,
136.524

 64, 44.201,
136.524

 100, 44.201,
136.524

 54, 44.201,
136.524


 84, 44.201,
136.524

 44, 44.201,
136.524

 94, 44.201,
136.524

 34, 44.201,
136.524

 24, 44.201,
136.524

 14, 44.201,
136.524

 4, 44.201, 136.524

 0, 44.201, 136.524

■ 64, 44.201,
136.524

■ 64, 44.201,
136.524

■ 63, 54.285,
135.854

■ 65, 33.696,
137.170

■ 62, 63.659,
135.208

■ 66, 22.979,
137.765

■ 62, 71.956,
134.671

■ 68, 12.208,
138.302

■ 61, 78.731,
134.360

■ 69, 1.497, 138.874

■ 61, 83.570,
134.393

■ 71, 9.073, 319.135

■ 61, 86.356,
134.590

■ 72, 19.445,
319.494

■ 74, 29.583,
319.795

■ 76, 39.465,
320.051

■ 78, 49.079,
320.269

Harmonies

Complementary

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



64, 44.201, 136.524



50, 44.975, 320.589

Rectangle

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



64, 44.201, 136.524



64, 44.201, 186.524



64, 44.201, 316.524



64, 44.201, 6.524

Sweetspot

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



64, 44.202, 136.525



85, 15.869, 138.261



64, 31.350, 95.582



45, 10.516, 138.197



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, 44.202, 136.525



80, 65.294, 135.888



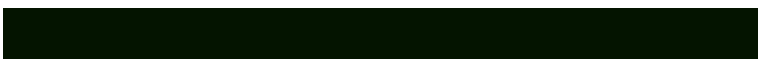
64, 37.883, 150.698



35, 6.024, 138.410



53, 78.174, 134.483



5, 11.061, 139.640

Inverse Universe

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



50, 44.975, 320.589



60, 66.568, 320.929



51, 38.304, 337.354



33, 6.057, 319.196



29, 78.420, 320.827



1, 10.779, 316.946

Previews

White Background



This preview shows how the CIELCh color 64, 44.201, 136.524 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, 44.201, 136.524 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, 44.201, 136.524

Background



This preview shows how black text looks on a background with the CIELCh color 64, 44.201, 136.524.



This preview shows how white text looks on a background with the CIELCh color 64, 44.201, 136.524.

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, 44.201, 136.524

Protanopia
64, 34.079, 95.321

Deuteranopia
64, 29.608, 74.287



Tritanopia
64, 13.622, 230.916

Trichromacy



Original Color
64, 44.201, 136.524

Protanomaly
63, 35.071, 113.405

Deuteranomaly
63, 29.642, 104.424

Tritanomaly
64, 18.391, 166.723

Monochromacy



Original Color
64, 44.201, 136.524

Achromatopsia
60, 0.008, 296.813

Achromatomaly
61, 16.144, 138.051

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 44.201, 136.524 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(113, 169, 99)` looks like.

```
.text, #text, p{  
    color:rgb(113, 169, 99)  
}
```

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(113, 169, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 169, 99) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 44.201, 136.524 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(113, 169, 99) }
```

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

```
.border{ border-color:rgb(113, 169, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 169, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 169, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 169, 99);  
box-shadow:4px 4px 4px 4px rgb(113, 169,  
99) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 44.201, 136.524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 169, 99) }
```

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

```
.background{ background-color: rgb(113,  
169, 99) }
```

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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