

Converting Colors

CIELCh(65, 41.198, 140.261)

Have a look what the booklet for
CIELCh(65, 41.198, 140.261)
contains.

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Color

CIELCh(65, 41.506, 140.324)

Conversions

Conversions Part 1

Format	Color
Hex	71AC6D
RGB	113, 172, 109
RGB Percent	44%, 67%, 43%
CMY	0.5575, 0.3261, 0.5731
CMYK	0.34, 0.00, 0.37, 0.33
HSL	116°, 27%, 55%
HSV	116°, 37%, 67%
XYZ	24.2659, 34.0472, 19.7197
YIQ	147.1770, -14.9410, -32.1010

Conversions

Conversions Part 2

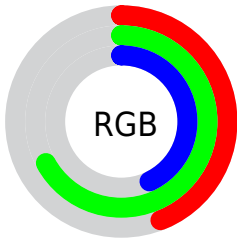
Format	Color
RYB	109, 172, 168
Decimal	7449709
CIELab	65.00, -31.95, 26.50
CIELCh	65, 41.506, 140.324
Yxy	34.0472, 0.3110, 0.4363
Android (android.graphics.Color)	4285639789 (0xFF71AC6D)
YUV	147.1770, -18.8213, -29.9732
Hunter-Lab	58.3500, -27.8801, 20.8075

Details

The CIELCh color **65, 41.506, 140.324** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **54, 41.648, 324.527**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 41.651, 140.208**, and **45, 41.648, 140.305** is the 20% darker color. If you saturate the color by 10%, you get **64, 52.324, 139.447**, and if you desaturate by 10%, it is **66, 30.288, 141.112**.

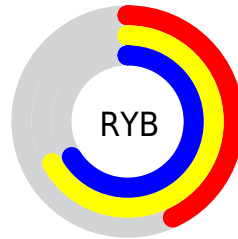
Distribution



Red (44%)

Green (67%)

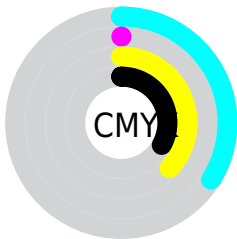
Blue (43%)



Red (43%)

Yellow (67%)

Blue (66%)

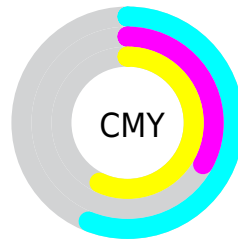


Cyan (34%)

Magenta (0%)

Yellow (37%)

Black (33%)



Cyan (56%)


Magenta (33%)


Yellow (57%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 41.506, 140.324 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 65, 41.506, 140.324 by changing the saturation by 10% instead.

 65, 41.506,
140.324


 65, 41.506,
140.324


 100, 41.506,
140.324


 55, 41.506,
140.324


 85, 41.506,
140.324

 45, 41.506,
140.324

 95, 41.506,
140.324

 35, 41.506,
140.324

 25, 41.506,
140.324

 15, 41.506,
140.324

 5, 41.506, 140.324

 0, 41.506, 140.324

■ 65, 41.506,
140.324

■ 65, 41.506,
140.324

■ 64, 52.324,
139.447

■ 66, 30.288,
141.112

■ 63, 62.440,
138.509

■ 68, 18.897,
141.805

■ 62, 71.483,
137.572

■ 69, 7.507, 142.415

■ 62, 79.009,
136.737

■ 71, 3.754, 322.835

■ 61, 84.564,
136.137

■ 73, 14.799,
323.309

■ 61, 87.906,
135.851

■ 75, 25.569,
323.681

■ 61, 88.756,
135.729

■ 77, 36.031,
323.994

■ 79, 46.168,
324.259

■ 81, 51.977,
326.218

Harmonies

Complementary

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



65, 41.506, 140.324



54, 41.648, 324.527

Rectangle

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



65, 41.506, 140.324



65, 41.506, 190.324



65, 41.506, 320.324



65, 41.506, 10.324

Sweetspot

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



65, 41.507, 140.324



87, 15.465, 142.145



68, 31.851, 103.644



46, 10.386, 142.066



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



65, 41.507, 140.324



82, 61.450, 139.617



65, 30.704, 156.879



36, 6.446, 142.258



54, 80.429, 135.679



6, 13.627, 143.054

Inverse Universe

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



54, 41.648, 324.527



66, 61.598, 324.885



54, 31.632, 343.435



34, 6.463, 323.176



34, 78.235, 325.792



2, 13.458, 321.940

Previews

White Background



This preview shows how the CIE LCh color 65, 41.506, 140.324 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 65, 41.506, 140.324 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 65, 41.506, 140.324

Background



This preview shows how black text looks on a background with the CIELCh color 65, 41.506, 140.324.



This preview shows how white text looks on a background with the CIELCh color 65, 41.506, 140.324.

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
65, 41.506, 140.324

Protanopia
65, 30.237, 95.396

Deuteranopia
65, 25.529, 70.635



Tritanopia
65, 14.947, 227.525

Trichromacy



Original Color
65, 41.506, 140.324

Protanomaly
64, 31.475, 116.081

Deuteranomaly
64, 25.273, 106.468

Tritanomaly
65, 18.893, 171.538

Monochromacy



Original Color
65, 41.506, 140.324

Achromatopsia
61, 0.008, 296.813

Achromatomaly
62, 15.328, 141.305

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 41.506, 140.324 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, 172, 109)` looks like.

```
.text, #text, p{  
    color:rgb(113, 172, 109)  
}
```

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, 172, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 172, 109) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 41.506, 140.324 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, 172, 109) }
```

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

```
.border{ border-color:rgb(113, 172, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 172, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 172, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 172, 109);  
box-shadow:4px 4px 4px 4px rgb(113, 172,  
109) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 41.506, 140.324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 172, 109) }
```

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

```
.background{ background-color: rgb(113,  
172, 109) }
```

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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