

Converting Colors

CIELCh(65, 39.387, 142.815)

Have a look what the booklet for
CIELCh(65, 39.387, 142.815)
contains.

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Color

CIELCh(65, 39.473, 142.824)

Conversions

Conversions Part 1

Format	Color
Hex	70AC72
RGB	112, 172, 114
RGB Percent	44%, 67%, 45%
CMY	0.5617, 0.3265, 0.5539
CMYK	0.35, 0.00, 0.34, 0.33
HSL	122°, 26%, 56%
HSV	122°, 35%, 67%
XYZ	24.3795, 34.0472, 21.1363
YIQ	147.4480, -17.1420, -30.7580

Conversions

Conversions Part 2

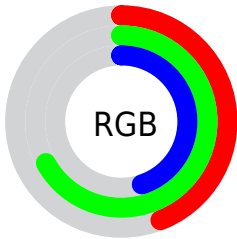
Format	Color
RYB	112, 170, 172
Decimal	7384178
CIELab	65.00, -31.45, 23.85
CIELCh	65, 39.473, 142.824
Yxy	34.0472, 0.3064, 0.4279
Android (android.graphics.Color)	4285574258 (0xFF70AC72)
YUV	147.4480, -16.4899, -31.0879
Hunter-Lab	58.3500, -27.5324, 19.3681

Details

The CIELCh color $65, 39.473, 142.824$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $55, 39.445, 327.242$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 39.687, 142.577$, and $45, 39.359, 142.545$ is the 20% darker color. If you saturate the color by 10%, you get $64, 50.310, 141.831$, and if you desaturate by 10%, it is $66, 28.256, 143.694$.

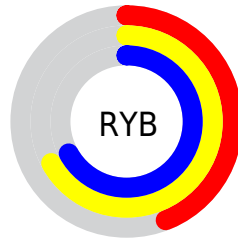
Distribution



Red (44%)

Green (67%)

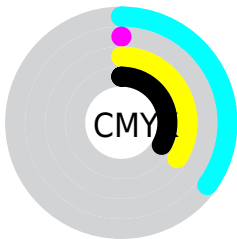
Blue (45%)



Red (44%)

Yellow (67%)

Blue (67%)

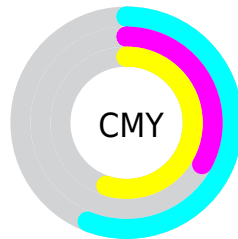


Cyan (35%)

Magenta (0%)

Yellow (34%)

Black (33%)



Cyan (56%)


Magenta (33%)


Yellow (55%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 39.473, 142.824 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, 39.473, 142.824 by changing the saturation by 10% instead.


 65, 39.473,
142.824


 65, 39.473,
142.824


 100, 39.473,
142.824


 55, 39.473,
142.824


 85, 39.473,
142.824

 45, 39.473,
142.824

 95, 39.473,
142.824

 35, 39.473,
142.824

 25, 39.473,
142.824

 15, 39.473,
142.824

 5, 39.473, 142.824

 0, 39.473, 142.824

■ 65, 39.473,
142.824

■ 65, 39.473,
142.824

■ 64, 50.310,
141.831

■ 66, 28.256,
143.694

■ 63, 60.479,
140.725

■ 68, 16.885,
144.446

■ 62, 69.638,
139.545

■ 69, 5.537, 145.111

■ 62, 77.396,
138.370

■ 71, 5.658, 325.568

■ 61, 83.349,
137.321

■ 73, 16.612,
326.055

■ 61, 87.181,
136.534

■ 75, 27.267,
326.452

■ 61, 88.430,
136.312

■ 77, 37.590,
326.789

■ 80, 47.569,
327.077

■ 81, 52.036,
326.220

Harmonies

Complementary

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



65, 39.473, 142.824



55, 39.445, 327.242

Rectangle

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



65, 39.473, 142.824



65, 39.473, 192.824



65, 39.473, 322.824



65, 39.473, 12.824

Sweetspot

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



65, 39.474, 142.824



87, 14.020, 144.768



69, 32.320, 108.349



46, 9.561, 144.677



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, 39.474, 142.824



82, 58.607, 142.057



66, 27.033, 162.141



36, 6.432, 144.825



54, 80.122, 136.363



6, 13.600, 145.178

Inverse Universe

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



55, 39.445, 327.242



67, 58.446, 327.645



54, 28.409, 348.919



34, 6.442, 325.833



35, 75.975, 329.586



2, 13.399, 325.781

Previews

White Background



This preview shows how the CIE LCh color 65, 39.473, 142.824 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, 39.473, 142.824 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

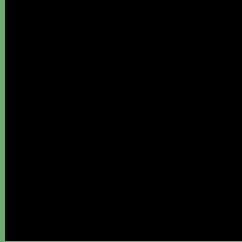
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 39.473, 142.824

Background



This preview shows how black text looks on a background with the CIELCh color 65, 39.473, 142.824.



This preview shows how white text looks on a background with the CIELCh color 65, 39.473, 142.824.

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, 39.473, 142.824

Protanopia

65, 27.510, 95.553

Deuteranopia

65, 23.569, 70.179



Tritanopia
65, 15.219, 226.938

Trichromacy



Original Color
65, 39.473, 142.824

Protanomaly
64, 28.942, 117.929

Deuteranomaly
64, 23.631, 108.629

Tritanomaly
65, 18.638, 174.918

Monochromacy



Original Color
65, 39.473, 142.824

Achromatopsia
61, 0.008, 296.813

Achromatomaly
62, 14.618, 144.841

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 39.473, 142.824 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(112, 172, 114)` looks like.

```
.text, #text, p{  
    color:rgb(112, 172, 114)  
}
```

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(112, 172, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 172, 114) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 39.473, 142.824 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(112, 172, 114) }
```

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

```
.border{ border-color:rgb(112, 172, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 172, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 172, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 172, 114);  
box-shadow:4px 4px 4px 4px rgb(112, 172,  
114) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 39.473, 142.824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 172, 114) }
```

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

```
.background{ background-color: rgb(112,  
172, 114) }
```

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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