

Converting Colors

CIELCh(65, 35.944, 124.434)

Have a look what the booklet for
CIELCh(65, 35.944, 124.434)
contains.

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Color

CIELCh(65, 35.968, 124.709)

Conversions

Conversions Part 1

Format	Color
Hex	8CA768
RGB	140, 167, 104
RGB Percent	55%, 65%, 41%
CMY	0.4523, 0.3465, 0.5934
CMYK	0.16, 0.00, 0.38, 0.35
HSL	86°, 26%, 53%
HSV	86°, 38%, 65%
XYZ	26.9935, 34.0472, 18.1587
YIQ	151.7450, 4.1310, -25.3170

Conversions

Conversions Part 2

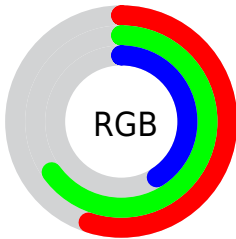
Format	Color
RYB	104, 167, 131
Decimal	9217896
CIELab	65.00, -20.48, 29.57
CIELCh	65, 35.968, 124.709
Yxy	34.0472, 0.3408, 0.4299
Android (android.graphics.Color)	4287407976 (0xFF8CA768)
YUV	151.7450, -23.5383, -10.3004
Hunter-Lab	58.3500, -19.5359, 22.3937

Details

The CIELCh color **65, 35.968, 124.709** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **49, 38.279, 308.607**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 35.850, 124.909**, and **45, 35.728, 124.639** is the 20% darker color. If you saturate the color by 10%, you get **64, 45.055, 124.260**, and if you desaturate by 10%, it is **66, 26.591, 125.201**.

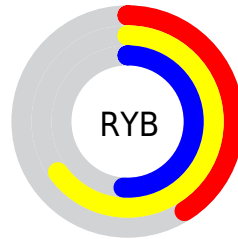
Distribution



Red (55%)

Green (65%)

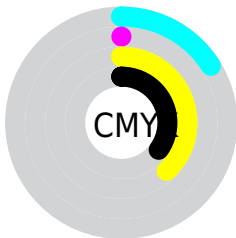
Blue (41%)



Red (41%)

Yellow (65%)

Blue (51%)

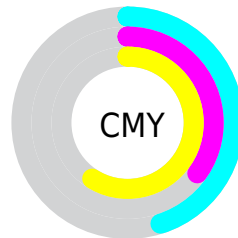


Cyan (16%)

Magenta (0%)

Yellow (38%)

Black (35%)



Cyan (45%)


Magenta (35%)


Yellow (59%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 35.968, 124.709 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, 35.968, 124.709 by changing the saturation by 10% instead.


 65, 35.968,
124.709


 65, 35.968,
124.709


 100, 35.968,
124.709


 55, 35.968,
124.709


 85, 35.968,
124.709

 45, 35.968,
124.709

 95, 35.968,
124.709

 35, 35.968,
124.709

 25, 35.968,
124.709

 15, 35.968,
124.709

 5, 35.968, 124.709

 0, 35.968, 124.709

■ 65, 35.968,
124.709

■ 65, 35.968,
124.709

■ 64, 45.055,
124.260

■ 66, 26.591,
125.201

■ 64, 53.650,
123.900

■ 67, 17.058,
125.700

■ 63, 61.468,
123.708

■ 68, 7.464, 126.190

■ 63, 68.139,
123.789

■ 69, 2.124, 306.600

■ 62, 73.260,
124.261

■ 70, 11.660,
307.060

■ 62, 76.716,
125.162

■ 71, 21.111,
307.458

■ 62, 77.414,
125.360

■ 72, 30.451,
307.821

■ 73, 39.663,
308.150

■ 74, 48.737,
308.448

Harmonies

Complementary

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



65, 35.968, 124.709



49, 38.279, 308.607

Rectangle

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



65, 35.968, 124.709



65, 35.968, 174.709



65, 35.968, 304.709



65, 35.968, 354.709

Sweetspot

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



65, 35.969, 124.711



85, 13.061, 126.024



57, 22.219, 61.999



45, 8.847, 125.961



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



65, 35.969, 124.711



82, 52.662, 124.343



63, 41.448, 139.760



35, 5.468, 126.117



55, 70.818, 125.198



5, 10.159, 129.247

Inverse Universe

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



49, 38.279, 308.607



58, 56.919, 309.114



52, 41.655, 323.982



33, 5.551, 306.974



21, 84.229, 310.592



1, 9.893, 304.364

Previews

White Background



This preview shows how the CIELCh color 65, 35.968, 124.709 looks on a white background.

Color Contrast Check

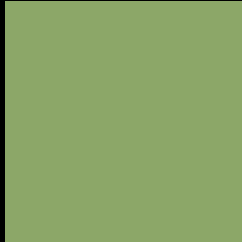
Large Text (above 18pt) WCAG AA × Fail

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, 35.968, 124.709 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

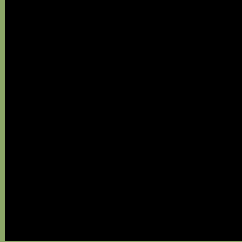
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 35.968, 124.709

Background



This preview shows how black text looks on a background with the CIELCh color 65, 35.968, 124.709.



This preview shows how white text looks on a background with the CIELCh color 65, 35.968, 124.709.

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





Tritanopia
65, 7.870, 266.353

Trichromacy



Original Color
65, 35.968, 124.709

Protanomaly
65, 32.637, 107.411

Deuteranomaly
65, 28.566, 95.835

Tritanomaly
65, 9.737, 145.760

Monochromacy



Original Color
65, 35.968, 124.709

Achromatopsia
62, 0.008, 296.813

Achromatomaly
63, 13.398, 126.082

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 35.968, 124.709 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(140, 167, 104)` looks like.

```
.text, #text, p{  
    color:rgb(140, 167, 104)  
}
```

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(140, 167, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 167, 104) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 35.968, 124.709 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(140, 167, 104) }
```

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

```
.border{ border-color:rgb(140, 167, 104) }
```

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

Here you see how a box with a 4 pixel rgb(140, 167, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 167, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 167, 104);  
box-shadow:4px 4px 4px 4px rgb(140, 167,  
104) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 35.968, 124.709 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 167, 104) }
```

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

```
.background{ background-color: rgb(140,  
167, 104) }
```

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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