

Converting Colors

CIELCh(65, 20.669, 149.062)

Have a look what the booklet for
CIELCh(65, 20.669, 149.062)
contains.

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Color

CIELCh(65, 20.646, 149.072)

Conversions

Conversions Part 1

Format	Color
Hex	83A68A
RGB	131, 166, 138
RGB Percent	51%, 65%, 54%
CMY	0.4853, 0.3480, 0.4579
CMYK	0.21, 0.00, 0.17, 0.35
HSL	132°, 16%, 58%
HSV	132°, 21%, 65%
XYZ	27.6818, 34.0472, 29.2471
YIQ	152.3430, -11.8720, -16.1280

Conversions

Conversions Part 2

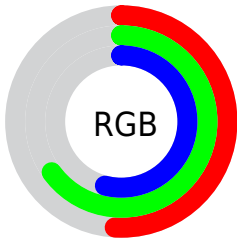
Format	Color
RYB	131, 160, 166
Decimal	8627850
CIELab	65.00, -17.71, 10.61
CIELCh	65, 20.646, 149.072
Yxy	34.0472, 0.3043, 0.3742
Android (android.graphics.Color)	4286817930 (0xFF83A68A)
YUV	152.3430, -7.0711, -18.7178
Hunter-Lab	58.3500, -17.4303, 11.1267

Details

The CIELCh color $65, 20.646, 149.072$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $59, 20.731, 331.826$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 20.837, 149.023$, and $45, 20.653, 148.895$ is the 20% darker color. If you saturate the color by 10%, you get $64, 30.428, 148.195$, and if you desaturate by 10%, it is $66, 10.805, 149.836$.

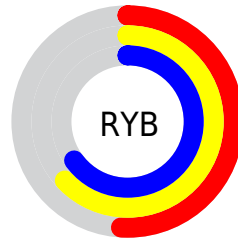
Distribution



Red (51%)

Green (65%)

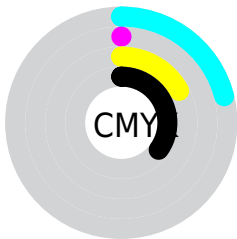
Blue (54%)



Red (51%)

Yellow (63%)

Blue (65%)

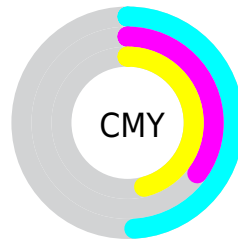


Cyan (21%)

Magenta (0%)

Yellow (17%)

Black (35%)



Cyan (49%)


Magenta (35%)


Yellow (46%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 20.646, 149.072 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, 20.646, 149.072 by changing the saturation by 10% instead.


 65, 20.646,
149.072


 65, 20.646,
149.072


 100, 20.646,
149.072


 55, 20.646,
149.072


 85, 20.646,
149.072

 45, 20.646,
149.072

 95, 20.646,
149.072

 35, 20.646,
149.072

 25, 20.646,
149.072

 15, 20.646,
149.072

 5, 20.646, 149.072

 0, 20.646, 149.072

■ 65, 20.646,
149.072

■ 65, 20.646,
149.072

■ 64, 30.428,
148.195

■ 66, 10.805,
149.836

■ 63, 39.990,
147.184

■ 68, 1.022, 150.726

■ 70, 8.609, 330.996

■ 62, 49.151,
146.022

■ 72, 18.024,
331.505

■ 61, 57.705,
144.703

■ 74, 27.182,
331.943

■ 60, 65.438,
143.234

■ 76, 36.057,
332.327

■ 60, 72.144,
141.650


■ 78, 44.639,
332.668

■ 60, 77.644,
140.021

■ 79, 51.192,
329.866

■ 59, 81.524,

138.697

 80, 55.381,
326.332

Harmonies

Complementary

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



65, 20.646, 149.072



59, 20.731, 331.826

Rectangle

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



65, 20.646, 149.072



65, 20.646, 199.072



65, 20.646, 329.072



65, 20.646, 19.072

Sweetspot

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



65, 20.647, 149.072



85, 7.249, 150.191



67, 19.338, 115.895



45, 4.849, 150.146



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, 20.647, 149.072



82, 30.424, 148.701



65, 14.419, 172.860



35, 5.578, 149.963



53, 74.519, 138.864



5, 10.353, 149.575

Inverse Universe

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



59, 20.731, 331.826



73, 30.555, 332.116



58, 15.257, 356.910



33, 5.596, 331.064



33, 66.102, 337.943



2, 9.712, 332.759

Previews

White Background



This preview shows how the CIELCh color 65, 20.646, 149.072 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, 20.646, 149.072 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, 20.646, 149.072

Background



This preview shows how black text looks on a background with the CIELCh color 65, 20.646, 149.072.



This preview shows how white text looks on a background with the CIELCh color 65, 20.646, 149.072.

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](#).

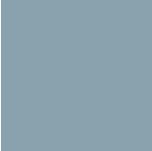
Dichromacy



Original Color
65, 20.646, 149.072

Protanopia
65, 13.236, 92.737

Deuteranopia
65, 12.220, 49.939



Tritanopia
65, 10.725, 241.458

Trichromacy



Original Color
65, 20.646, 149.072

Protanomaly
65, 13.566, 120.636

Deuteranomaly
65, 9.541, 99.513

Tritanomaly
65, 9.975, 192.142

Monochromacy



Original Color
65, 20.646, 149.072

Achromatopsia
63, 0.008, 296.813

Achromatomaly
64, 7.527, 151.132

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 20.646, 149.072 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(131, 166, 138)` looks like.

```
.text, #text, p{  
    color:rgb(131, 166, 138)  
}
```

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(131, 166, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 166, 138) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 20.646, 149.072 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(131, 166, 138) }
```

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

```
.border{ border-color:rgb(131, 166, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 166, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 166, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 166, 138);  
box-shadow:4px 4px 4px 4px rgb(131, 166,  
138) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 20.646, 149.072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 166, 138) }
```

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

```
.background{ background-color: rgb(131,  
166, 138) }
```

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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