

Converting Colors

CIELCh(65, 20.040, 149.174)

Have a look what the booklet for
CIELCh(65, 20.040, 149.174)
contains.

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Color

CIELCh(65, 19.968, 149.322)

Conversions

Conversions Part 1

Format	Color
Hex	84A68B
RGB	132, 166, 139
RGB Percent	52%, 65%, 55%
CMY	0.4823, 0.3490, 0.4549
CMYK	0.20, 0.00, 0.16, 0.35
HSL	132°, 16%, 58%
HSV	132°, 20%, 65%
XYZ	27.8166, 34.0472, 29.5359
YIQ	152.7560, -11.5970, -15.6050

Conversions

Conversions Part 2

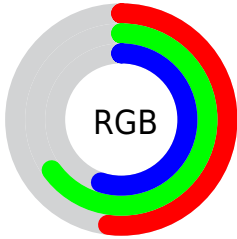
Format	Color
RYB	132, 160, 166
Decimal	8693387
CIELab	65.00, -17.17, 10.19
CIELCh	65, 19.968, 149.322
Yxy	34.0472, 0.3043, 0.3725
Android (android.graphics.Color)	4286883467 (0xFF84A68B)
YUV	152.7560, -6.7817, -18.2030
Hunter-Lab	58.3500, -17.0180, 10.8333

Details

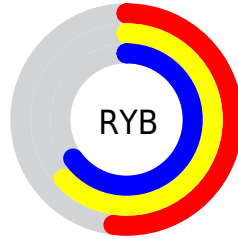
The CIELCh color $65, 19.968, 149.322$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $59, 20.053, 332.004$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 19.787, 150.198$, and $45, 19.932, 149.200$ is the 20% darker color. If you saturate the color by 10%, you get $64, 29.703, 148.450$, and if you desaturate by 10%, it is $66, 10.181, 150.084$.

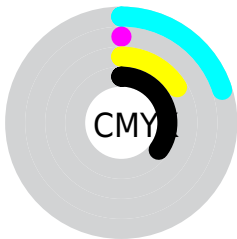
Distribution



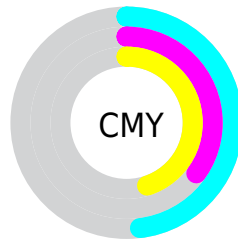
- Red (52%)
- Green (65%)
- Blue (55%)



- Red (52%)
- Yellow (63%)
- Blue (65%)



- Cyan (20%)
- Magenta (0%)
- Yellow (16%)
- Black (35%)





- Cyan (48%)
- Magenta (35%)
- Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 19.968, 149.322 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, 19.968, 149.322 by changing the saturation by 10% instead.


 65, 19.968,
149.322


 65, 19.968,
149.322


 100, 19.968,
149.322


 55, 19.968,
149.322


 85, 19.968,
149.322

 45, 19.968,
149.322

 95, 19.968,
149.322

 35, 19.968,
149.322

 25, 19.968,
149.322

 15, 19.968,
149.322

 5, 19.968, 149.322

 0, 19.968, 149.322

65, 19.968,
149.322

65, 19.968,
149.322

64, 29.703,
148.450

66, 10.181,
150.084

63, 39.230,
147.445

68, 0.458, 151.295

62, 48.369,
146.289

70, 9.111, 331.239

61, 56.920,
144.974

72, 18.462,
331.746

60, 64.672,
143.506

74, 27.556,
332.183

60, 71.423,
141.917

76, 36.369,
332.568


60, 76.998,
140.270

78, 44.892,
332.910

59, 81.186,

79, 51.270,
329.922

138.828

 79, 55.522,
326.337

Harmonies

Complementary

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



65, 19.968, 149.322



59, 20.053, 332.004

Rectangle

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



65, 19.968, 149.322



65, 19.968, 199.322



65, 19.968, 329.322



65, 19.968, 19.322

Sweetspot

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



65, 19.970, 149.322



85, 7.218, 150.398



67, 18.825, 116.619



45, 4.829, 150.353



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, 19.970, 149.322



82, 30.291, 148.903



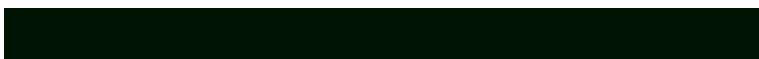
65, 13.865, 174.066



35, 5.554, 150.169



53, 74.286, 138.997



5, 10.316, 149.747

Inverse Universe

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



59, 20.053, 332.004



73, 30.429, 332.333



59, 14.697, 357.999



33, 5.572, 331.275



33, 65.817, 338.298



2, 9.662, 333.029

Previews

White Background



This preview shows how the CIELCh color 65, 19.968, 149.322 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 CIE LCh color 65, 19.968, 149.322 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

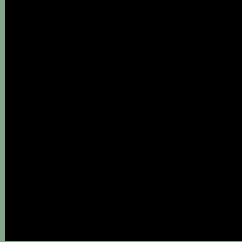
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 19.968, 149.322

Background



This preview shows how black text looks on a background with the CIELCh color 65, 19.968, 149.322.



This preview shows how white text looks on a background with the CIELCh color 65, 19.968, 149.322.

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](#).

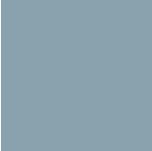
Dichromacy



Original Color
65, 19.968, 149.322

Protanopia
65, 13.128, 94.456

Deuteranopia
65, 11.926, 47.738



Tritanopia
65, 10.725, 241.458

Trichromacy



Original Color
65, 19.968, 149.322

Protanomaly
65, 13.566, 120.636

Deuteranomaly
65, 8.995, 99.004

Tritanomaly
65, 9.975, 192.142

Monochromacy



Original Color
65, 19.968, 149.322

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, 19.968, 149.322 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(132, 166, 139)` looks like.

```
.text, #text, p{  
    color:rgb(132, 166, 139)  
}
```

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(132, 166, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 166, 139) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 19.968, 149.322 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(132, 166, 139) }
```

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

```
.border{ border-color:rgb(132, 166, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 166, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 166, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 166, 139);  
box-shadow:4px 4px 4px 4px rgb(132, 166,  
139) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 19.968, 149.322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 166, 139) }
```

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

```
.background{ background-color: rgb(132,  
166, 139) }
```

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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