

Converting Colors

CIELCh(66, 22.162, 131.340)

Have a look what the booklet for
CIELCh(66, 22.162, 131.340)
contains.

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Color

CIELCh(66, 22.162, 131.340)

Conversions

Conversions Part 1

Format	Color
Hex	91A782
RGB	145, 167, 130
RGB Percent	57%, 65%, 51%
CMY	0.4309, 0.3446, 0.4898
CMYK	0.13, 0.00, 0.22, 0.34
HSL	96°, 17%, 58%
HSV	96°, 22%, 66%
XYZ	29.5730, 35.3238, 26.4172
YIQ	156.2040, -1.2350, -16.1710

Conversions

Conversions Part 2

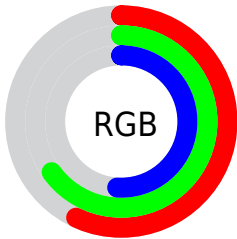
Format	Color
RYB	130, 167, 152
Decimal	9545602
CIELab	66.00, -14.64, 16.64
CIElCh	66, 22.162, 131.340
Yxy	35.3238, 0.3239, 0.3868
Android (android.graphics.Color)	4287735682 (0xFF91A782)
YUV	156.2040, -12.9186, -9.8259
Hunter-Lab	59.4338, -15.1914, 15.2504

Details

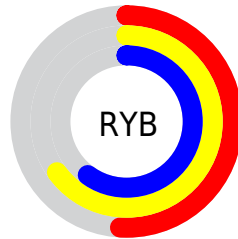
The CIELCh color **66, 22.162, 131.340** is a light color, and the websafe version is hex **999966**. A complement of this color would be **58, 22.687, 313.248**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 22.119, 131.377**, and **46, 22.447, 131.170** is the 20% darker color. If you saturate the color by 10%, you get **65, 32.117, 130.857**, and if you desaturate by 10%, it is **67, 12.139, 131.805**.

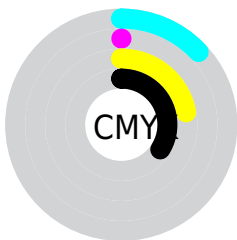
Distribution



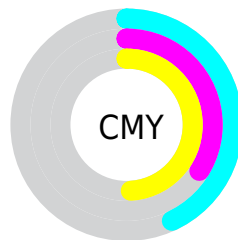
- Red (57%)
- Green (65%)
- Blue (51%)



- Red (51%)
- Yellow (65%)
- Blue (60%)



- Cyan (13%)
- Magenta (0%)
- Yellow (22%)
- Black (34%)




- Cyan (43%)
- Magenta (34%)
- Yellow (49%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 22.162, 131.340 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 66, 22.162, 131.340 by changing the saturation by 10% instead.


 66, 22.162,
131.340


 66, 22.162,
131.340


 100, 22.162,
131.340


 56, 22.162,
131.340


 86, 22.162,
131.340

 46, 22.162,
131.340

 96, 22.162,
131.340

 36, 22.162,
131.340

 26, 22.162,
131.340

 16, 22.162,
131.340

 6, 22.162, 131.340

 0, 22.162, 131.340

66, 22.162,
131.340

66, 22.162,
131.340

65, 32.117,
130.857

67, 12.139,
131.805

64, 41.875,
130.371

68, 2.129, 132.280

63, 51.262,
129.919

70, 7.801, 312.587

63, 60.033,
129.563

71, 17.609,
312.941

62, 67.852,
129.394

72, 27.264,
313.249

61, 74.309,
129.531

74, 36.744,
313.520


61, 79.023,
130.091

75, 46.036,
313.758

61, 81.736,

77, 50.884,
315.771

130.715

 78, 52.006,
319.333

Harmonies

Complementary

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



66, 22.162, 131.340



58, 22.687, 313.248

Rectangle

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



66, 22.162, 131.340



66, 22.162, 181.340



66, 22.162, 311.340



66, 22.162, 1.340

Sweetspot

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



66, 22.164, 131.342



86, 8.630, 132.030



64, 13.601, 81.047



46, 5.654, 132.005



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



66, 22.164, 131.342



83, 33.376, 131.084



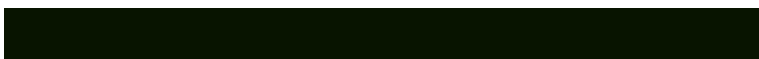
65, 23.708, 145.319



35, 5.684, 131.933



54, 74.595, 130.560



5, 10.524, 134.167

Inverse Universe

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



58, 22.687, 313.248



70, 34.364, 313.494



59, 23.740, 328.014



33, 5.745, 312.673



24, 81.348, 314.454



1, 10.188, 309.664

Previews

White Background



This preview shows how the CIELCh color 66, 22.162, 131.340 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 66, 22.162, 131.340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

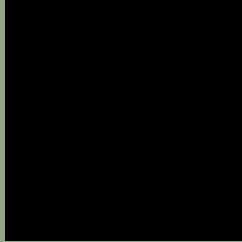
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 22.162, 131.340

Background



This preview shows how black text looks on a background with the CIELCh color 66, 22.162, 131.340.



This preview shows how white text looks on a background with the CIELCh color 66, 22.162, 131.340.

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](#).

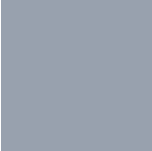
Dichromacy



Original Color
66, 22.162, 131.340

Protanopia
66, 18.629, 95.403

Deuteranopia
66, 17.439, 61.512



Tritanopia
66, 7.844, 266.323

Trichromacy



Original Color
66, 22.162, 131.340

Protanomaly
66, 19.220, 110.577

Deuteranomaly
66, 15.562, 91.741

Tritanomaly
66, 5.998, 171.425

Monochromacy



Original Color
66, 22.162, 131.340

Achromatopsia
64, 0.008, 296.813

Achromatomaly
65, 7.869, 132.678

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 22.162, 131.340 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(145, 167, 130)` looks like.

```
.text, #text, p{  
    color:rgb(145, 167, 130)  
}
```

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(145, 167, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 167, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 22.162, 131.340 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(145, 167, 130) }
```

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

```
.border{ border-color:rgb(145, 167, 130) }
```

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

Here you see how a box with a 4 pixel rgb(145, 167, 130) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 167, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 167, 130);  
box-shadow:4px 4px 4px 4px rgb(145, 167,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 22.162, 131.340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 167, 130) }
```

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

```
.background{ background-color: rgb(145,  
167, 130) }
```

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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