

Converting Colors

CIELCh(61, 13.187, 257.072)

Have a look what the booklet for
CIELCh(61, 13.187, 257.072)
contains.

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Color

CIELCh(61, 13.245, 257.586)

Conversions

Conversions Part 1

Format	Color
Hex	8196AA
RGB	129, 150, 170
RGB Percent	51%, 59%, 67%
CMY	0.4953, 0.4130, 0.3346
CMYK	0.24, 0.12, 0.00, 0.33
HSL	209°, 19%, 59%
HSV	209°, 24%, 67%
XYZ	27.0901, 29.2481, 42.0915
YIQ	146.0010, -18.9360, 1.7680

Conversions

Conversions Part 2

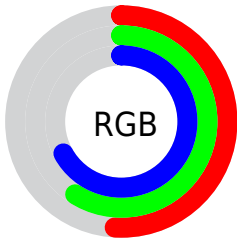
Format	Color
RYB	129, 143, 170
Decimal	8492714
CIELab	61.00, -2.85, -12.94
CIELCh	61, 13.245, 257.586
Yxy	29.2481, 0.2752, 0.2971
Android (android.graphics.Color)	4286682794 (0xFF8196AA)
YUV	146.0010, 11.8315, -14.9099
Hunter-Lab	54.0815, -5.2298, -8.2882

Details

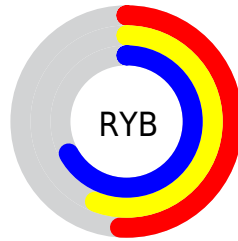
The CIELCh color $61, 13.245, 257.586$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $63, 14.189, 71.166$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 13.233, 256.871$, and $41, 13.372, 258.991$ is the 20% darker color. If you saturate the color by 10%, you get $58, 18.575, 259.497$, and if you desaturate by 10%, it is $64, 7.815, 255.983$.

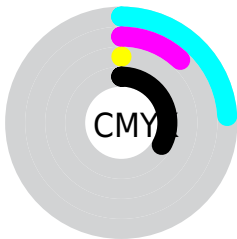
Distribution



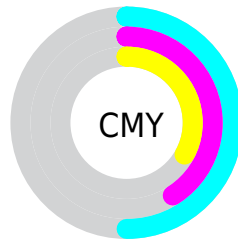
- Red (51%)
- Green (59%)
- Blue (67%)



- Red (51%)
- Yellow (56%)
- Blue (67%)



- Cyan (24%)
- Magenta (12%)
- Yellow (0%)
- Black (33%)





- Cyan (50%)
- Magenta (41%)
- Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 13.245, 257.586 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 61, 13.245, 257.586 by changing the saturation by 10% instead.


 61, 13.245,
257.586


 61, 13.245,
257.586


 100, 13.245,
257.586


 51, 13.245,
257.586


 81, 13.245,
257.586

 41, 13.245,
257.586

 91, 13.245,
257.586

 31, 13.245,
257.586

 21, 13.245,
257.586

 11, 13.245,
257.586

 1, 13.245, 257.586

 0, 13.245, 257.586

61, 13.245,
257.586

61, 13.245,
257.586

58, 18.575,
259.497

64, 7.815, 255.983

54, 23.790,
261.782

68, 2.310, 254.721

72, 3.246, 73.317

51, 28.879,
264.494

75, 8.832, 72.395

48, 33.853,
267.682

79, 14.429, 71.561

82, 20.021, 70.831

45, 38.751,
271.364

86, 25.595, 70.193

42, 43.640,
275.503

89, 28.800, 75.426

91, 30.758, 84.402

39, 48.609,
279.978

37, 51.610,

282.522

Harmonies

Complementary

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



61, 13.245, 257.586



63, 14.189, 71.166

Rectangle

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



61, 13.245, 257.586



61, 13.245, 307.586



61, 13.245, 77.586



61, 13.245, 127.586

Sweetspot

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



61, 13.244, 257.581



85, 4.828, 255.042



66, 19.419, 160.664



45, 3.161, 255.112



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



61, 13.244, 257.581



76, 19.692, 258.569



55, 23.152, 292.313



34, 3.113, 255.311



32, 46.146, 281.958



3, 6.045, 261.529

Inverse Universe

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



58, 19.901, 345.092



72, 29.791, 345.646



68, 21.934, 107.177



33, 4.567, 343.702



31, 56.685, 0.044



2, 7.856, 346.952

Previews

White Background



This preview shows how the CIELCh color 61, 13.245, 257.586 looks on a white background.

Color Contrast Check

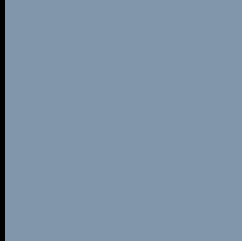
Large Text (above 18pt) WCAG AA ✓ Pass

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 61, 13.245, 257.586 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

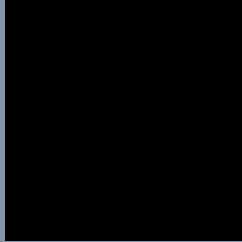
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

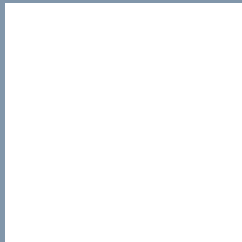
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 13.245, 257.586

Background



This preview shows how black text looks on a background with the CIELCh color 61, 13.245, 257.586.



This preview shows how white text looks on a background with the CIELCh color 61, 13.245, 257.586.

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

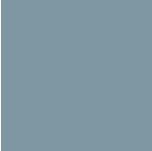
61, 13.245, 257.586

Protanopia

61, 11.860, 286.224

Deuteranopia

61, 16.051, 301.007



Tritanopia
61, 10.743, 237.959

Trichromacy



Original Color
61, 13.245, 257.586

Protanomaly
61, 12.182, 276.114

Deuteranomaly
61, 14.679, 287.610

Tritanomaly
61, 11.173, 243.936

Monochromacy



Original Color
61, 13.245, 257.586

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 5.169, 260.249

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 13.245, 257.586 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(129, 150, 170)` looks like.

```
.text, #text, p{  
    color:rgb(129, 150, 170)  
}
```

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(129, 150, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 150, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 13.245, 257.586 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(129, 150, 170) }
```

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

```
.border{ border-color:rgb(129, 150, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 150, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 150, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 150, 170);  
box-shadow:4px 4px 4px 4px rgb(129, 150,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 13.245, 257.586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 150, 170) }
```

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

```
.background{ background-color: rgb(129,  
150, 170) }
```

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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