

Converting Colors

CIELCh(49, 30.772, 345.346)

Have a look what the booklet for
CIELCh(49, 30.772, 345.346)
contains.

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Color

CIELCh(49, 30.905, 345.553)

Conversions

Conversions Part 1

Format	Color
Hex	9F6182
RGB	159, 97, 130
RGB Percent	62%, 38%, 51%
CMY	0.3757, 0.6188, 0.4894
CMYK	0.00, 0.39, 0.18, 0.38
HSL	328°, 24%, 50%
HSV	328°, 39%, 62%
XYZ	22.6743, 17.5941, 23.3892
YIQ	119.3000, 26.3590, 23.4070

Conversions

Conversions Part 2

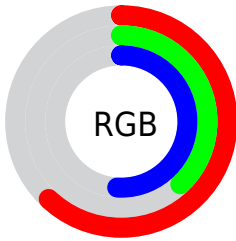
Format	Color
R_{YB}	159, 97, 130
Decimal	10445186
CIE _{Lab}	49.00, 29.93, -7.71
CIE _{LCh}	49, 30.905, 345.553
Yxy	17.5941, 0.3562, 0.2764
Android (android.graphics.Color)	4288635266 (0xFF9F6182)
YUV	119.3000, 5.2751, 34.8169
Hunter-Lab	41.9453, 23.0874, -3.6991

Details

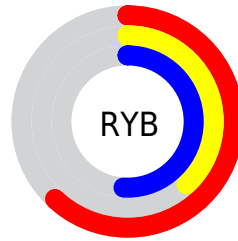
The CIELCh color $49, 30.905, 345.553$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $61, 29.749, 158.297$, and the grayscale version is $50, 0.007, 296.813$.

A 20% lighter version of the original color is $69, 30.809, 345.664$, and $29, 31.285, 345.145$ is the 20% darker color. If you saturate the color by 10%, you get $45, 38.493, 346.794$, and if you desaturate by 10%, it is $53, 22.978, 344.472$.

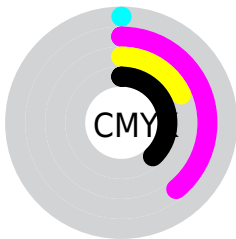
Distribution



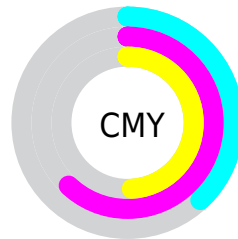
- Red (62%)
- Green (38%)
- Blue (51%)



- Red (62%)
- Yellow (38%)
- Blue (51%)



- Cyan (0%)
- Magenta (39%)
- Yellow (18%)
- Black (38%)





- Cyan (38%)
- Magenta (62%)
- Yellow (49%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 49, 30.905, 345.553 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 49, 30.905, 345.553 by changing the saturation by 10% instead.


 49, 30.905,
345.553


 49, 30.905,
345.553


 100, 30.905,
345.553


 39, 30.905,
345.553

 69, 30.905,
345.553


 29, 30.905,
345.553

 79, 30.905,
345.553

 19, 30.905,
345.553

 89, 30.905,
345.553

 9, 30.905, 345.553

 99, 30.905,
345.553

 0, 30.905, 345.553

 49, 30.905,

 49, 30.905,

345.553

345.553

45, 38.493,
346.794

53, 22.978,
344.472

42, 45.429,
348.248

57, 14.955,
343.507

39, 51.324,
349.999

62, 6.995, 342.619

37, 55.795,
352.159

66, 0.803, 162.296

71, 8.383, 161.200

35, 58.577,
354.865

75, 15.720,
160.515

34, 59.939,
358.144

80, 22.808,
159.892

34, 60.080,
358.492

84, 29.649,
159.315

89, 36.257,

Harmonies

Complementary

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



49, 30.905, 345.553



61, 29.749, 158.297

Rectangle

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



49, 30.905, 345.553



49, 30.905, 35.553



49, 30.905, 165.553



49, 30.905, 215.553

Sweetspot

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



49, 30.903, 345.554



76, 11.633, 342.905



46, 38.220, 309.897



40, 7.787, 343.011



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



49, 30.903, 345.554



59, 45.753, 346.653



48, 27.153, 20.542



31, 4.395, 342.644



30, 55.548, 358.099



1, 5.584, 343.393

Inverse Universe

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



49, 30.903, 345.554



59, 45.753, 346.653



62, 21.112, 194.373



31, 4.395, 342.644



30, 55.548, 358.099



1, 5.584, 343.393

Previews

White Background



This preview shows how the CIELCh color 49, 30.905, 345.553 looks on a white background.

Color Contrast Check

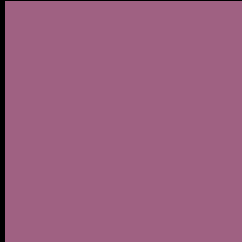
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 49, 30.905, 345.553 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

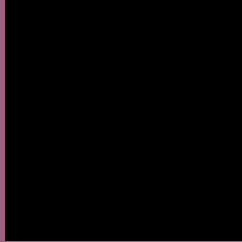
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 49, 30.905, 345.553

Background



This preview shows how black text looks on a background with the CIELCh color 49, 30.905, 345.553.



This preview shows how white text looks on a background with the CIELCh color 49, 30.905, 345.553.

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

49, 30.905, 345.553

Protanopia

49, 15.326, 285.341

Deuteranopia

49, 8.461, 315.884



Tritanopia
49, 24.198, 11.685

Trichromacy



Original Color
49, 30.905, 345.553

Protanomaly
49, 18.774, 316.263

Deuteranomaly
49, 16.193, 335.077

Tritanomaly
49, 25.821, 0.649

Monochromacy



Original Color
49, 30.905, 345.553

Achromatopsia
50, 0.007, 296.813

Achromatomaly
49, 11.664, 343.876

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 30.905, 345.553 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(159, 97, 130)` looks like.

```
.text, #text, p{  
    color:rgb(159, 97, 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(159, 97, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 97, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 30.905, 345.553 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(159, 97, 130) }
```

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

```
.border{ border-color:rgb(159, 97, 130) }
```

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

Here you see how a box with a 4 pixel rgb(159, 97, 130) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 97, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 97, 130);  
box-shadow:4px 4px 4px 4px rgb(159, 97,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 30.905, 345.553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 97, 130) }
```

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

```
.background{ background-color: rgb(159, 97,  
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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