

Converting Colors

CIELCh(34, 19.486, 324.819)

Have a look what the booklet for
CIELCh(34, 19.486, 324.819)
contains.

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Color

CIELCh(34, 19.220, 324.693)

Conversions

Conversions Part 1

Format	Color
Hex	614862
RGB	97, 72, 98
RGB Percent	38%, 28%, 38%
CMY	0.6206, 0.7186, 0.6167
CMYK	0.01, 0.27, 0.00, 0.62
HSL	298°, 15%, 33%
HSV	298°, 27%, 38%
XYZ	9.3973, 8.0082, 12.5433
YIQ	82.4390, 6.5540, 13.3860

Conversions

Conversions Part 2

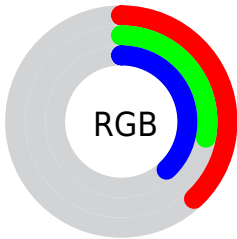
Format	Color
RYB	97, 72, 98
Decimal	6375522
CIELab	34.00, 15.68, -11.11
CIElCh	34, 19.220, 324.693
Yxy	8.0082, 0.3138, 0.2674
Android (android.graphics.Color)	4284565602 (0xFF614862)
YUV	82.4390, 7.6716, 12.7700
Hunter-Lab	28.2988, 9.7524, -6.4709

Details

The CIELCh color $[34, 19.220, 324.693]$ is a dark color, and the websafe version is hex `663366`. A complement of this color would be $[39, 19.178, 141.847]$, and the grayscale version is $[35, 0.005, 296.813]$.

A 20% lighter version of the original color is $[54, 19.200, 324.435]$, and $[14, 19.391, 324.053]$ is the 20% darker color. If you saturate the color by 10%, you get $[31, 26.369, 325.161]$, and if you desaturate by 10%, it is $[37, 11.966, 324.206]$.

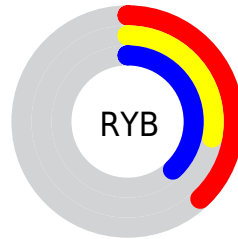
Distribution



Red (38%)

Green (28%)

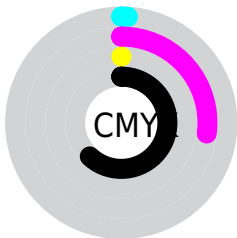
Blue (38%)



Red (38%)

Yellow (28%)

Blue (38%)

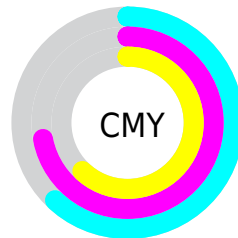


Cyan (1%)

Magenta (27%)

Yellow (0%)

Black (62%)



Cyan (62%)


Magenta (72%)


Yellow (62%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 34, 19.220, 324.693 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 34, 19.220, 324.693 by changing the saturation by 10% instead.


 34, 19.220,
324.693


 34, 19.220,
324.693

 100, 19.220,
324.693


 24, 19.220,
324.693

 54, 19.220,
324.693


 14, 19.220,
324.693


 64, 19.220,
324.693

 4, 19.220, 324.693

 74, 19.220,
324.693

 0, 19.220, 324.693

 84, 19.220,
324.693

 94, 19.220,
324.693

■ 34, 19.220,
324.693

■ 34, 19.220,
324.693

■ 31, 26.369,
325.161

■ 37, 11.966,
324.206

■ 29, 33.258,
325.598

■ 40, 4.726, 323.700

■ 42, 2.422, 143.310

■ 27, 39.683,
325.987

■ 45, 9.426, 142.794

■ 25, 45.403,
326.312

■ 48, 16.258,
142.334

■ 23, 50.167,
326.555

■ 51, 22.900,
141.899

■ 22, 53.764,
326.704

■ 54, 29.347,
141.487

■ 21, 56.418,
326.779

■ 57, 35.600,
141.100

■ 21, 57.337,

326.807

■ 60, 41.664,
140.738

Harmonies

Complementary

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



34, 19.220, 324.693



39, 19.178, 141.847

Rectangle

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



34, 19.220, 324.693



34, 19.220, 14.693



34, 19.220, 144.693



34, 19.220, 194.693

Sweetspot

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



34, 19.219, 324.693



51, 7.151, 323.787



32, 15.669, 291.117



25, 5.041, 323.845



77, 0.009, 296.813



27, 0.004, 296.813

Same Dimension

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



34, 19.219, 324.693



42, 28.748, 324.995



34, 14.283, 343.158



18, 4.002, 323.819



25, 63.197, 326.784



55, 110.492, 326.693

Inverse Universe

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



33, 11.866, 18.330



41, 18.142, 19.068



39, 13.946, 158.900



18, 2.340, 16.708



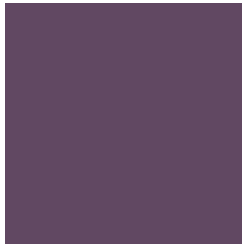
22, 53.886, 35.586



50, 98.275, 38.875

Previews

White Background



This preview shows how the CIELCh color 34, 19.220, 324.693 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 ✓ Pass

Black Background



This preview shows how the CIELCh color 34, 19.220, 324.693 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

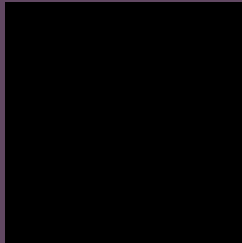
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 34, 19.220, 324.693

Background



This preview shows how black text looks on a background with the CIELCh color 34, 19.220, 324.693.



This preview shows how white text looks on a background with the CIELCh color 34, 19.220, 324.693.

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

34, 19.220, 324.693

Protanopia

34, 15.120, 285.566

Deuteranopia

34, 11.355, 296.108



Tritanopia
34, 9.138, 356.740

Trichromacy



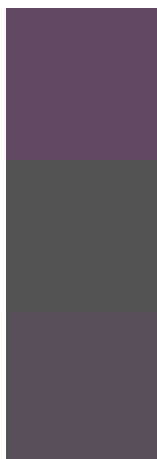
Original Color
34, 19.220, 324.693

Protanomaly
34, 15.952, 301.220

Deuteranomaly
34, 13.855, 309.201

Tritanomaly
34, 12.121, 339.326

Monochromacy



Original Color
34, 19.220, 324.693

Achromatopsia
35, 0.005, 296.813

Achromatomaly
34, 7.360, 322.203

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 19.220, 324.693 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(97, 72, 98)` looks like.

```
.text, #text, p{  
    color:rgb(97, 72, 98)  
}
```

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(97, 72, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 72, 98) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 19.220, 324.693 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(97, 72, 98) }
```

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

```
.border{ border-color:rgb(97, 72, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 72, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 72, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 72, 98);  
box-shadow:4px 4px 4px 4px rgb(97, 72, 98)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 34, 19.220, 324.693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 72, 98) }
```

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

```
.background{ background-color: rgb(97, 72,  
98) }
```

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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