

Converting Colors

CIELCh(34, 24.650, 332.754)

Have a look what the booklet for
CIELCh(34, 24.650, 332.754)
contains.

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Color

CIELCh(34, 24.894, 332.966)

Conversions

Conversions Part 1

Format	Color
Hex	6A4362
RGB	106, 67, 98
RGB Percent	42%, 26%, 38%
CMY	0.5833, 0.7363, 0.6147
CMYK	0.00, 0.37, 0.08, 0.58
HSL	312°, 22%, 34%
HSV	312°, 37%, 42%
XYZ	10.2110, 8.0082, 12.6233
YIQ	82.1950, 13.2930, 17.9090

Conversions

Conversions Part 2

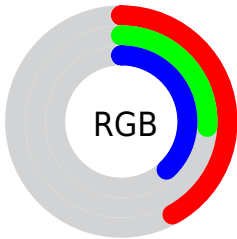
Format	Color
R_{YB}	106, 67, 98
Decimal	6964066
CIE _{Lab}	34.00, 22.17, -11.31
CIE _{LCh}	34, 24.894, 332.966
Yxy	8.0082, 0.3311, 0.2596
Android (android.graphics.Color)	4285154146 (0xFF6A4362)
YUV	82.1950, 7.7919, 20.8770
Hunter-Lab	28.2988, 14.8849, -6.6385

Details

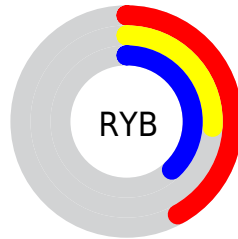
The CIELCh color $34, 24.894, 332.966$ is a dark color, and the websafe version is hex 663366 . A complement of this color would be $41, 24.788, 147.974$, and the grayscale version is $35, 0.005, 296.813$.

A 20% lighter version of the original color is $54, 24.866, 332.714$, and $14, 24.886, 333.879$ is the 20% darker color. If you saturate the color by 10%, you get $31, 31.347, 333.635$, and if you desaturate by 10%, it is $37, 18.170, 332.319$.

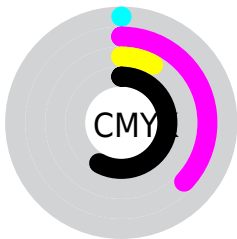
Distribution



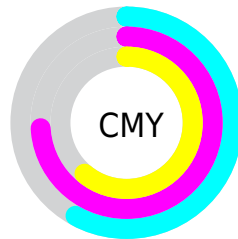
- Red (42%)
- Green (26%)
- Blue (38%)



- Red (42%)
- Yellow (26%)
- Blue (38%)



- Cyan (0%)
- Magenta (37%)
- Yellow (8%)
- Black (58%)



- Cyan (58%)
- Magenta (74%)
- Yellow (61%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 34, 24.894, 332.966 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, 24.894, 332.966 by changing the saturation by 10% instead.

 34, 24.894,
332.966

 34, 24.894,
332.966

 100, 24.894,
332.966

 24, 24.894,
332.966

 54, 24.894,
332.966

 14, 24.894,
332.966

 64, 24.894,
332.966

 4, 24.894, 332.966

 74, 24.894,
332.966

 0, 24.894, 332.966

 84, 24.894,
332.966

 94, 24.894,
332.966

■ 34, 24.894,
332.966

■ 34, 24.894,
332.966

■ 31, 31.347,
333.635

■ 37, 18.170,
332.319

■ 29, 37.316,
334.327

■ 40, 11.344,
331.689

■ 27, 42.539,
335.051

■ 43, 4.533, 331.062

■ 25, 46.741,
335.821

■ 46, 2.185, 150.616

■ 49, 8.762, 149.996

■ 24, 49.688,
336.660

■ 52, 15.170,
149.458

■ 23, 51.552,
337.567

■ 56, 21.398,
148.952

■ 23, 52.164,
337.857

■ 59, 27.442,
148.474

■ 62, 33.306,
148.021

Harmonies

Complementary

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



34, 24.894, 332.966



41, 24.788, 147.974

Rectangle

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



34, 24.894, 332.966



34, 24.894, 22.966



34, 24.894, 152.966



34, 24.894, 202.966

Sweetspot

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



34, 24.892, 332.966



53, 9.207, 331.352



31, 25.130, 300.962



26, 6.143, 331.409



79, 0.010, 296.813



29, 0.005, 296.813

Same Dimension

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



34, 24.892, 332.966



42, 36.600, 333.532



33, 18.674, 359.945



21, 3.821, 331.206



26, 55.873, 337.988



55, 95.323, 338.700

Inverse Universe

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



34, 24.892, 332.966



42, 36.600, 333.532



42, 16.844, 172.480



21, 3.821, 331.206



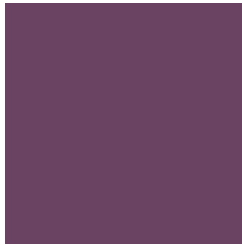
26, 55.873, 337.988



55, 95.323, 338.700

Previews

White Background



This preview shows how the CIELCh color 34, 24.894, 332.966 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, 24.894, 332.966 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, 24.894, 332.966

Background



This preview shows how black text looks on a background with the CIELCh color 34, 24.894, 332.966.



This preview shows how white text looks on a background with the CIELCh color 34, 24.894, 332.966.

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, 24.894, 332.966

Protanopia

34, 17.625, 285.943

Deuteranopia

34, 10.680, 294.112



Tritanopia
34, 15.250, 7.939

Trichromacy



Original Color
34, 24.894, 332.966

Protanomaly
34, 18.711, 305.074

Deuteranomaly
34, 15.149, 316.048

Tritanomaly
34, 17.728, 350.874

Monochromacy



Original Color
34, 24.894, 332.966

Achromatopsia
35, 0.005, 296.813

Achromatomaly
34, 9.120, 331.915

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 24.894, 332.966 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(106, 67, 98)` looks like.

```
.text, #text, p{  
    color:rgb(106, 67, 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(106, 67, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 67, 98) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 24.894, 332.966 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(106, 67, 98) }
```

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

```
.border{ border-color:rgb(106, 67, 98) }
```

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

Here you see how a box with a 4 pixel rgb(106, 67, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 67, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 67, 98);  
box-shadow:4px 4px 4px 4px rgb(106, 67,  
98) }
```

Background

The CSS property to change the background color of an element to CIELCh 34, 24.894, 332.966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 67, 98) }
```

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

```
.background{ background-color: rgb(106, 67,  
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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