

Converting Colors

CIELCh(34, 24.704, 292.111)

Have a look what the booklet for
CIELCh(34, 24.704, 292.111)
contains.

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Color

CIELCh(34, 24.460, 291.763)

Conversions

Conversions Part 1

Format	Color
Hex	4A4D74
RGB	74, 77, 116
RGB Percent	29%, 30%, 45%
CMY	0.7101, 0.6983, 0.5454
CMYK	0.36, 0.34, 0.00, 0.55
HSL	236°, 22%, 37%
HSV	236°, 36%, 45%
XYZ	8.6135, 8.0082, 17.5888
YIQ	80.5490, -14.3070, 11.4930

Conversions

Conversions Part 2

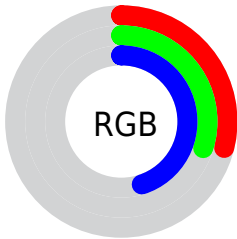
Format	Color
R_{YB}	74, 77, 116
Decimal	4869492
CIE _{Lab}	34.00, 9.07, -22.72
CIE _{LCh}	34, 24.460, 291.763
Yxy	8.0082, 0.2518, 0.2341
Android (android.graphics.Color)	4283059572 (0xFF4A4D74)
YUV	80.5490, 17.4773, -5.7435
Hunter-Lab	28.2988, 4.8081, -17.0418

Details


The CIELCh color $[34, 24.460, 291.763]$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $[47, 22.734, 103.580]$, and the grayscale version is $[34, 0.005, 296.813]$.

A 20% lighter version of the original color is $[54, 24.233, 291.451]$, and $[14, 24.851, 292.272]$ is the 20% darker color. If you saturate the color by 10%, you get $[30, 31.820, 293.540]$, and if you desaturate by 10%, it is $[38, 17.377, 290.226]$.

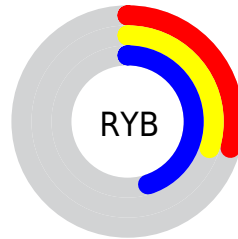
Distribution



 Red (29%)

 Green (30%)

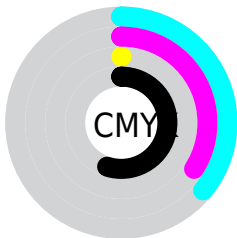
 Blue (45%)



 Red (29%)

 Yellow (30%)

 Blue (45%)

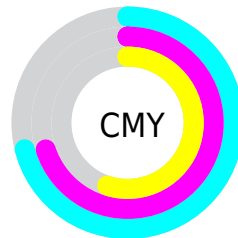


 Cyan (36%)

 Magenta (34%)

 Yellow (0%)

 Black (55%)



 Cyan (71%)

 Magenta (70%)

 Yellow (55%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 34, 24.460, 291.763 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, 24.460, 291.763 by changing the saturation by 10% instead.

 34, 24.460,
291.763

 34, 24.460,
291.763

 100, 24.460,
291.763

 24, 24.460,
291.763

 54, 24.460,
291.763

 14, 24.460,
291.763

 64, 24.460,
291.763

 4, 24.460, 291.763

 74, 24.460,
291.763

 0, 24.460, 291.763

 84, 24.460,
291.763

 94, 24.460,
291.763

■ 34, 24.460,
291.763

■ 34, 24.460,
291.763

■ 30, 31.820,
293.540

■ 38, 17.377,
290.226

■ 26, 39.455,
295.563

■ 42, 10.559,
288.907

■ 22, 47.306,
297.799

■ 46, 3.986, 287.783

■ 19, 55.179,
300.148

■ 50, 2.361, 106.768

■ 54, 8.498, 105.950

■ 15, 62.632,
302.422

■ 58, 14.438,
105.228

■ 13, 68.919,
304.303

■ 62, 20.194,
104.600

■ 12, 70.890,
304.806

■ 66, 25.776,
104.051

■ 70, 31.195,
103.569

Harmonies

Complementary

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



34, 24.460, 291.763



47, 22.734, 103.580

Rectangle

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



34, 24.460, 291.763



34, 24.460, 341.763



34, 24.460, 111.763



34, 24.460, 161.763

Sweetspot

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



34, 24.459, 291.763



57, 8.786, 288.327



46, 15.666, 189.972



29, 5.960, 288.444



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



34, 24.459, 291.763



41, 36.494, 293.140



35, 27.136, 308.040



22, 3.652, 288.080



13, 73.937, 304.895



33, 128.718, 305.639

Inverse Universe

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



36, 19.162, 17.075



44, 28.754, 18.316



46, 25.595, 124.389



23, 2.759, 14.071



24, 57.089, 35.110



52, 100.112, 37.874

Previews

White Background



This preview shows how the CIE LCh color 34, 24.460, 291.763 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, 24.460, 291.763 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, 24.460, 291.763

Background



This preview shows how black text looks on a background with the CIELCh color 34, 24.460, 291.763.

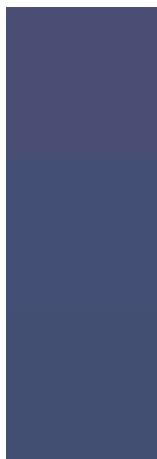


This preview shows how white text looks on a background with the CIELCh color 34, 24.460, 291.763.

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

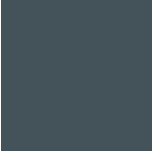
34, 24.460, 291.763

Protanopia

34, 23.985, 284.373

Deuteranopia

34, 22.820, 282.741



Tritanopia
34, 6.982, 237.965

Trichromacy



Original Color
34, 24.460, 291.763

Protanomaly
34, 24.503, 287.810

Deuteranomaly
34, 23.307, 286.396

Tritanomaly
34, 12.389, 274.357

Monochromacy



Original Color
34, 24.460, 291.763

Achromatopsia
34, 0.005, 296.813

Achromatomaly
34, 8.790, 289.057

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 24.460, 291.763 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(74, 77, 116)` looks like.

```
.text, #text, p{  
    color:rgb(74, 77, 116)  
}
```

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(74, 77, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 77, 116) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 24.460, 291.763 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(74, 77, 116) }
```

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

```
.border{ border-color:rgb(74, 77, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 77, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 77, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 77, 116);  
box-shadow:4px 4px 4px 4px rgb(74, 77,  
116) }
```

Background

The CSS property to change the background color of an element to CIELCh 34, 24.460, 291.763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 77, 116) }
```

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

```
.background{ background-color: rgb(74, 77,  
116) }
```

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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