

Converting Colors

CIELCh(34, 11.218, 244.299)

Have a look what the booklet for
CIELCh(34, 11.218, 244.299)
contains.

CIELCh(34, 11.324, 244.989)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(34, 11.324, 244.989)

Conversions

Conversions Part 1

Format	Color
Hex	3D5360
RGB	61, 83, 96
RGB Percent	24%, 33%, 38%
CMY	0.7611, 0.6748, 0.6238
CMYK	0.36, 0.14, 0.00, 0.62
HSL	202°, 22%, 31%
HSV	202°, 36%, 38%
XYZ	7.1155, 8.0082, 12.2189
YIQ	77.9040, -17.2850, -0.6210

Conversions

Conversions Part 2

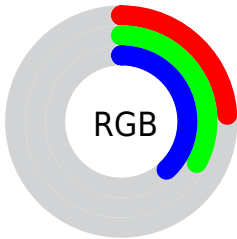
Format	Color
RYB	61, 75, 96
Decimal	4019040
CIELab	34.00, -4.79, -10.26
CIElCh	34, 11.324, 244.989
Yxy	8.0082, 0.2602, 0.2929
Android (android.graphics.Color)	4282209120 (0xFF3D5360)
YUV	77.9040, 8.9213, -14.8248
Hunter-Lab	28.2988, -4.6406, -5.7913

Details

The CIELCh color **34, 11.324, 244.989** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **33, 13.459, 57.368**, and the grayscale version is **33, 0.005, 296.813**.

A 20% lighter version of the original color is **54, 11.524, 247.794**, and **14, 11.514, 246.663** is the 20% darker color. If you saturate the color by 10%, you get **32, 14.094, 246.901**, and if you desaturate by 10%, it is **36, 8.388, 243.413**.

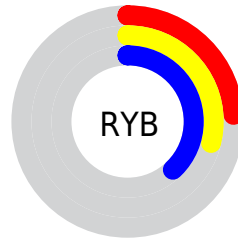
Distribution



Red (24%)

Green (33%)

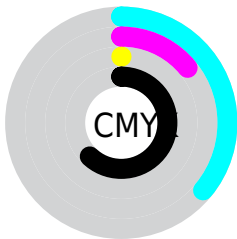
Blue (38%)



Red (24%)

Yellow (29%)

Blue (38%)

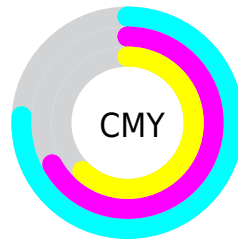


Cyan (36%)

Magenta (14%)

Yellow (0%)

Black (62%)



Cyan (76%)


Magenta (67%)


Yellow (62%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 34, 11.324, 244.989 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, 11.324, 244.989 by changing the saturation by 10% instead.


 34, 11.324,
244.989


 34, 11.324,
244.989

 100, 11.324,
244.989


 24, 11.324,
244.989

 54, 11.324,
244.989


 14, 11.324,
244.989

 64, 11.324,
244.989

 4, 11.324, 244.989

 74, 11.324,
244.989

 0, 11.324, 244.989

 84, 11.324,
244.989

 94, 11.324,
244.989

■ 34, 11.324,
244.989

■ 34, 11.324,
244.989

■ 32, 14.094,
246.901

■ 36, 8.388, 243.413

■ 31, 16.679,
249.220

■ 38, 5.313, 242.127

■ 39, 2.122, 241.127

■ 29, 19.070,
252.010

■ 41, 1.160, 59.871

■ 27, 21.272,
255.324

■ 43, 4.512, 59.301

■ 45, 7.915, 58.703

■ 26, 23.315,
259.184

■ 47, 11.353, 58.187

■ 25, 25.310,
263.295

■ 49, 14.814, 57.746

■ 51, 18.286, 57.368

■ 24, 26.046,
264.617

Harmonies

Complementary

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



34, 11.324, 244.989



33, 13.459, 57.368

Rectangle

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



34, 11.324, 244.989



34, 11.324, 294.989



34, 11.324, 64.989



34, 11.324, 114.989

Sweetspot

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



34, 11.324, 244.986



50, 4.442, 241.570



38, 20.015, 154.152



25, 3.004, 241.660



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, 11.324, 244.986



42, 16.629, 246.663



29, 19.600, 288.858



19, 1.844, 241.334



28, 29.449, 265.677



60, 53.753, 269.117

Inverse Universe

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



30, 20.327, 340.062



37, 30.293, 340.870



38, 18.488, 100.397



18, 3.118, 337.884



23, 48.771, 349.151



53, 84.278, 350.985

Previews

White Background



This preview shows how the CIELCh color 34, 11.324, 244.989 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, 11.324, 244.989 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

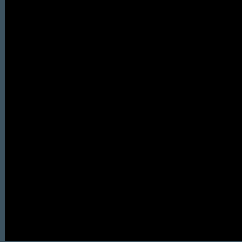
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

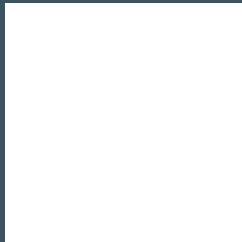
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 34, 11.324, 244.989

Background



This preview shows how black text looks on a background with the CIELCh color 34, 11.324, 244.989.

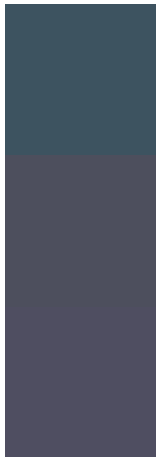


This preview shows how white text looks on a background with the CIELCh color 34, 11.324, 244.989.

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, 11.324, 244.989

Protanopia

34, 8.810, 286.463

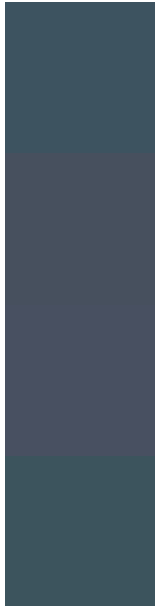
Deuteranopia

34, 11.955, 294.091



Tritanopia
34, 10.015, 224.464

Trichromacy



Original Color
34, 11.324, 244.989

Protanomaly
34, 9.367, 269.595

Deuteranomaly
34, 11.012, 275.685

Tritanomaly
34, 10.489, 231.121

Monochromacy



Original Color
34, 11.324, 244.989

Achromatopsia
33, 0.005, 296.813

Achromatomaly
34, 4.492, 243.644

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 11.324, 244.989 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(61, 83, 96)` looks like.

```
.text, #text, p{  
    color:rgb(61, 83, 96)  
}
```

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(61, 83, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 83, 96) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 11.324, 244.989 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(61, 83, 96) }
```

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

```
.border{ border-color:rgb(61, 83, 96) }
```

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

Here you see how a box with a 4 pixel rgb(61, 83, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 83, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 83, 96);  
box-shadow:4px 4px 4px 4px rgb(61, 83, 96)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 34, 11.324, 244.989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 83, 96) }
```

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

```
.background{ background-color: rgb(61, 83,  
96) }
```

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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