

Converting Colors

CIELCh(34, 15.362, 247.952)

Have a look what the booklet for
CIELCh(34, 15.362, 247.952)
contains.

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Color

CIELCh(34, 15.206, 246.749)

Conversions

Conversions Part 1

Format	Color
Hex	355466
RGB	53, 84, 102
RGB Percent	21%, 33%, 40%
CMY	0.7931, 0.6715, 0.6010
CMYK	0.48, 0.18, 0.00, 0.60
HSL	202°, 32%, 30%
HSV	202°, 48%, 40%
XYZ	6.9931, 8.0082, 13.6832
YIQ	76.7830, -24.2540, -0.9740

Conversions

Conversions Part 2

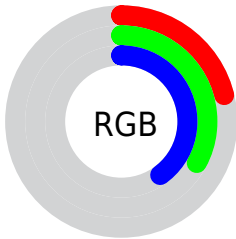
Format	Color
R _Y B	53, 72, 102
Decimal	3495014
CIE Lab	34.00, -6.00, -13.97
CIE LCh	34, 15.206, 246.749
Yxy	8.0082, 0.2438, 0.2792
Android (android.graphics.Color)	4281685094 (0xFF355466)
YUV	76.7830, 12.4320, -20.8577
Hunter-Lab	28.2988, -5.4125, -8.8590




Details

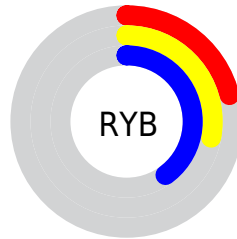
The CIELCh color **34, 15.206, 246.749** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **33, 19.396, 56.062**, and the grayscale version is **33, 0.005, 296.813**.




A 20% lighter version of the original color is **54, 15.204, 248.404**, and **14, 15.262, 246.717** is the 20% darker color. If you saturate the color by 10%, you get **32, 17.859, 249.160**, and if you desaturate by 10%, it is **36, 12.349, 244.759**.

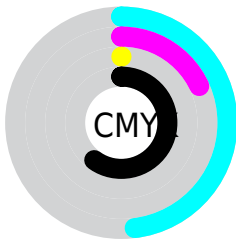
Distribution







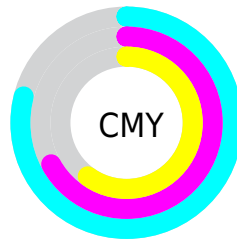
-  Red (21%)
-  Green (33%)
-  Blue (40%)






-  Red (21%)
-  Yellow (28%)
-  Blue (40%)



-  Cyan (48%)
-  Magenta (18%)
-  Yellow (0%)
-  Black (60%)





-  Cyan (79%)
-  Magenta (67%)
-  Yellow (60%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 34, 15.206, 246.749 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, 15.206, 246.749 by changing the saturation by 10% instead.


 34, 15.206,
246.749


 34, 15.206,
246.749

 100, 15.206,
246.749


 24, 15.206,
246.749

 54, 15.206,
246.749


 14, 15.206,
246.749


 64, 15.206,
246.749

 4, 15.206, 246.749

 74, 15.206,
246.749

 0, 15.206, 246.749

 84, 15.206,
246.749

 94, 15.206,
246.749

■ 34, 15.206,
246.749

■ 34, 15.206,
246.749

■ 32, 17.859,
249.160

■ 36, 12.349,
244.759

■ 31, 20.301,
252.063

■ 38, 9.310, 243.129

■ 29, 22.542,
255.509

■ 40, 6.115, 241.799

■ 41, 2.790, 240.746

■ 27, 24.621,
259.512

■ 43, 0.637, 59.280

■ 26, 26.676,
263.678

■ 45, 4.143, 58.899

■ 47, 7.708, 58.296

■ 26, 27.073,
264.388

■ 49, 11.314, 57.775

■ 52, 14.946, 57.331

Harmonies

Complementary

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



34, 15.206, 246.749



33, 19.396, 56.062

Rectangle

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



34, 15.206, 246.749



34, 15.206, 296.749



34, 15.206, 66.749



34, 15.206, 116.749

Sweetspot

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



34, 15.205, 246.748



52, 5.899, 241.370



39, 27.429, 152.837



26, 4.029, 241.544



78, 0.009, 296.813



28, 0.004, 296.813

Same Dimension

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



34, 15.205, 246.748



42, 22.041, 249.571



26, 27.733, 291.046



20, 1.923, 240.815



29, 29.746, 265.172



61, 53.755, 268.511

Inverse Universe

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



29, 27.972, 340.964



36, 40.954, 342.182



40, 25.458, 99.136



20, 3.266, 337.702



24, 49.642, 348.898



53, 85.127, 350.648

Previews

White Background



This preview shows how the CIE LCh color 34, 15.206, 246.749 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 CIE LCh color 34, 15.206, 246.749 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

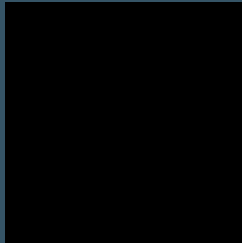
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

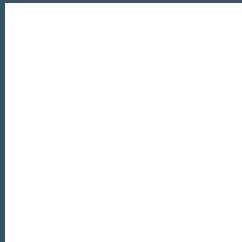
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 34, 15.206, 246.749

Background



This preview shows how black text looks on a background with the CIELCh color 34, 15.206, 246.749.



This preview shows how white text looks on a background with the CIELCh color 34, 15.206, 246.749.

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, 15.206, 246.749

Protanopia

34, 11.988, 284.767

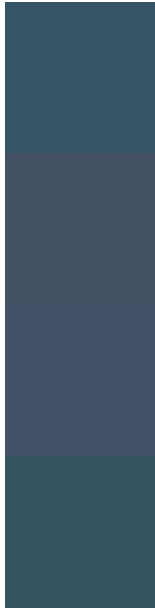
Deuteranopia

34, 15.718, 288.703



Tritanopia
34, 13.267, 217.326

Trichromacy



Original Color
34, 15.206, 246.749

Protanomaly
34, 12.271, 266.696

Deuteranomaly
34, 15.026, 274.100

Tritanomaly
34, 13.671, 228.566

Monochromacy



Original Color
34, 15.206, 246.749

Achromatopsia
33, 0.005, 296.813

Achromatomaly
33, 6.167, 244.877

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 15.206, 246.749 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(53, 84, 102)` looks like.

```
.text, #text, p{  
    color:rgb(53, 84, 102)  
}
```

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(53, 84, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 84, 102) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 15.206, 246.749 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(53, 84, 102) }
```

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

```
.border{ border-color:rgb(53, 84, 102) }
```

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

Here you see how a box with a 4 pixel rgb(53, 84, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 84, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 84, 102);  
box-shadow:4px 4px 4px 4px rgb(53, 84,  
102) }
```

Background

The CSS property to change the background color of an element to CIELCh 34, 15.206, 246.749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 84, 102) }
```

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

```
.background{ background-color: rgb(53, 84,  
102) }
```

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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