

Converting Colors

CIELCh(32, 66.237, 10.942)

Have a look what the booklet for
CIELCh(32, 66.237, 10.942) contains.

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Color

CIELCh(34, 60.806, 14.524)

Conversions

Conversions Part 1

Format	Color
Hex	A2003B
RGB	162, 0, 59
RGB Percent	64%, 0%, 23%
CMY	0.3644, 0.9993, 0.7684
CMYK	0.00, 1.00, 0.64, 0.36
HSL	338°, 100%, 32%
HSV	338°, 100%, 64%
XYZ	15.7067, 8.0082, 4.8626
YIQ	55.1640, 77.6130, 52.6930

Conversions

Conversions Part 2

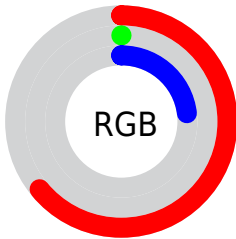
Format	Color
R_{YB}	162, 0, 59
Decimal	10616891
CIE _{Lab}	34.00, 58.86, 15.25
CIE _{LCh}	34, 60.806, 14.524
Yxy	8.0082, 0.5496, 0.2802
Android (android.graphics.Color)	4288806971 (0xFFA2003B)
YUV	55.1640, 1.8911, 93.6952
Hunter-Lab	28.2988, 49.5503, 9.6213

Details

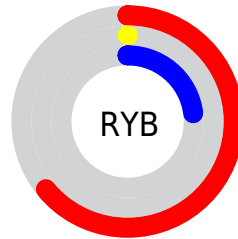
The CIELCh color **34, 60.806, 14.524** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **59, 54.175, 157.426**, and the grayscale version is **23, 0.004, 296.813**.

A 20% lighter version of the original color is **54, 60.652, 14.557**, and **20, 47.140, 27.936** is the 20% darker color. If you saturate the color by 10%, you get **34, 60.834, 14.577**, and if you desaturate by 10%, it is **35, 58.132, 9.782**.

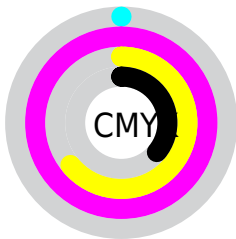
Distribution



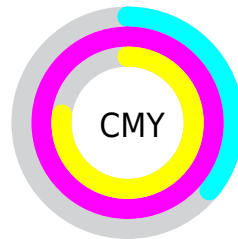
- Red (64%)
- Green (0%)
- Blue (23%)



- Red (64%)
- Yellow (0%)
- Blue (23%)



- Cyan (0%)
- Magenta (100%)
- Yellow (64%)
- Black (36%)



- Cyan (36%)
- Magenta (100%)
- Yellow (77%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 34, 60.806, 14.524 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, 60.806, 14.524 by changing the saturation by 10% instead.

 34, 60.806, 14.524

 34, 60.806, 14.524

 100, 60.806,
14.524

 24, 60.806, 14.524

 54, 60.806, 14.524

 14, 60.806, 14.524

 64, 60.806, 14.524

 4, 60.806, 14.524

 74, 60.806, 14.524

 0, 60.806, 14.524

 84, 60.806, 14.524

 94, 60.806, 14.524

 34, 60.806, 14.524

 34, 60.806, 14.524

 34, 60.834, 14.577

 35, 58.132, 9.782

■ 37, 54.575, 5.717

■ 39, 49.696, 2.487

■ 42, 43.664,
359.929

■ 45, 36.804,
357.881

■ 49, 29.463,
356.207

■ 53, 21.930,
354.808

■ 58, 14.416,
353.610

■ 62, 7.056, 352.550

Harmonies

Complementary

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



34, 60.806, 14.524



59, 54.175, 157.426

Rectangle

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



34, 60.806, 14.524



34, 60.806, 64.524



34, 60.806, 194.524



34, 60.806, 244.524

Sweetspot

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



34, 60.803, 14.526



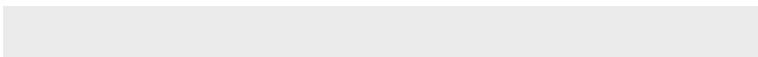
68, 27.370, 354.896



28, 86.325, 315.456



34, 18.885, 355.436



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



34, 60.803, 14.526



45, 74.451, 15.722



35, 72.075, 41.853



32, 4.054, 352.487



30, 56.083, 14.027



1, 6.090, 353.949

Inverse Universe

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



34, 60.803, 14.526



45, 74.451, 15.722



54, 31.208, 220.791



32, 4.054, 352.487



30, 56.083, 14.027



1, 6.090, 353.949

Previews

White Background



This preview shows how the CIELCh color 34, 60.806, 14.524 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, 60.806, 14.524 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

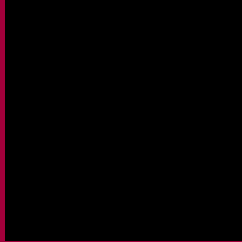
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 34, 60.806, 14.524

Background



This preview shows how black text looks on a background with the CIELCh color 34, 60.806, 14.524.



This preview shows how white text looks on a background with the CIELCh color 34, 60.806, 14.524.

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, 60.806, 14.524

Protanopia

35, 2.494, 290.608

Deuteranopia

35, 19.851, 75.938



Tritanopia
35, 65.758, 35.978

Trichromacy



Original Color
34, 60.806, 14.524

Protanomaly
31, 29.154, 355.068

Deuteranomaly
31, 34.754, 21.797

Tritanomaly
34, 63.361, 28.978

Monochromacy



Original Color
34, 60.806, 14.524

Achromatopsia
23, 0.004, 296.813

Achromatomaly
23, 29.235, 0.374

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 60.806, 14.524 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(162, 0, 59)` looks like.

```
.text, #text, p{  
    color:rgb(162, 0, 59)  
}
```

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(162, 0, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 0, 59) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 60.806, 14.524 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(162, 0, 59) }
```

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

```
.border{ border-color:rgb(162, 0, 59) }
```

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

Here you see how a box with a 4 pixel rgb(162, 0, 59) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 0, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 0, 59);  
box-shadow:4px 4px 4px 4px rgb(162, 0, 59)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 34, 60.806, 14.524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 0, 59) }
```

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

```
.background{ background-color: rgb(162, 0,  
59) }
```

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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