

Converting Colors

CIELCh(34, 23.749, 147.334)

Have a look what the booklet for
CIELCh(34, 23.749, 147.334)
contains.

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Color

CIELCh(34, 23.782, 147.299)

Conversions

Conversions Part 1

Format	Color
Hex	34583B
RGB	52, 88, 59
RGB Percent	20%, 35%, 23%
CMY	0.7964, 0.6552, 0.7689
CMYK	0.41, 0.00, 0.33, 0.66
HSL	132°, 26%, 27%
HSV	132°, 41%, 34%
XYZ	5.6820, 8.0082, 5.3731
YIQ	73.9300, -12.1470, -16.6510

Conversions

Conversions Part 2

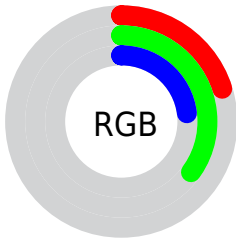
Format	Color
RYB	52, 82, 88
Decimal	3430459
CIELab	34.00, -20.01, 12.85
CIELCh	34, 23.782, 147.299
Yxy	8.0082, 0.2981, 0.4201
Android (android.graphics.Color)	4281620539 (0xFF34583B)
YUV	73.9300, -7.3605, -19.2326
Hunter-Lab	28.2988, -13.6827, 8.5518

Details

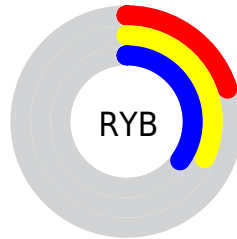
The CIELCh color $34, 23.782, 147.299$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $27, 23.855, 332.775$, and the grayscale version is $31, 0.005, 296.813$.

A 20% lighter version of the original color is $54, 23.912, 147.177$, and $14, 23.614, 147.992$ is the 20% darker color. If you saturate the color by 10%, you get $33, 29.321, 146.260$, and if you desaturate by 10%, it is $35, 18.050, 148.210$.

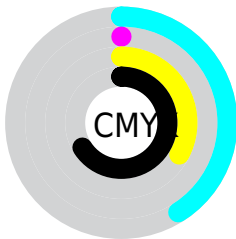
Distribution



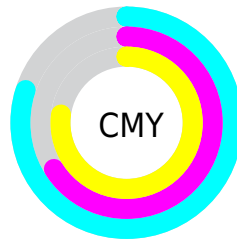
- Red (20%)
- Green (35%)
- Blue (23%)



- Red (20%)
- Yellow (32%)
- Blue (35%)



- Cyan (41%)
- Magenta (0%)
- Yellow (33%)
- Black (66%)



- Cyan (80%)
- Magenta (66%)
- Yellow (77%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 34, 23.782, 147.299 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, 23.782, 147.299 by changing the saturation by 10% instead.

 34, 23.782,
147.299

 34, 23.782,
147.299

 100, 23.782,
147.299

 24, 23.782,
147.299

 54, 23.782,
147.299

 14, 23.782,
147.299

 64, 23.782,
147.299

 4, 23.782, 147.299

 74, 23.782,
147.299

 0, 23.782, 147.299

 84, 23.782,
147.299

 94, 23.782,
147.299

■ 34, 23.782,
147.299

■ 34, 23.782,
147.299

■ 33, 29.321,
146.260

■ 35, 18.050,
148.210

■ 33, 34.561,
145.084

■ 35, 12.217,
149.007

■ 33, 39.389,
143.775

■ 36, 6.360, 149.709

■ 32, 43.696,
142.349

■ 37, 0.542, 150.598

■ 38, 5.190, 330.779

■ 32, 47.386,
140.865

■ 39, 10.803,
331.260

■ 32, 50.334,
139.807

■ 41, 16.274,
331.674

■ 42, 21.589,
332.041

■ 43, 26.743,
332.367

Harmonies

Complementary

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



34, 23.782, 147.299



27, 23.855, 332.775

Rectangle

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



34, 23.782, 147.299



34, 23.782, 197.299



34, 23.782, 327.299



34, 23.782, 17.299

Sweetspot

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



34, 23.783, 147.299



47, 8.692, 149.612



36, 22.035, 114.708



24, 5.813, 149.564



76, 0.009, 296.813



25, 0.004, 296.813

Same Dimension

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



34, 23.783, 147.299



44, 35.141, 146.295



34, 16.163, 170.961



17, 3.210, 149.855



39, 58.427, 139.331



82, 106.678, 138.203

Inverse Universe

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



27, 23.855, 332.775



33, 35.127, 333.399



26, 17.963, 359.239



16, 3.220, 330.801



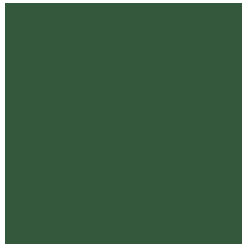
23, 52.853, 337.260



53, 93.085, 338.004

Previews

White Background



This preview shows how the CIELCh color 34, 23.782, 147.299 looks on a white background.

Color Contrast Check

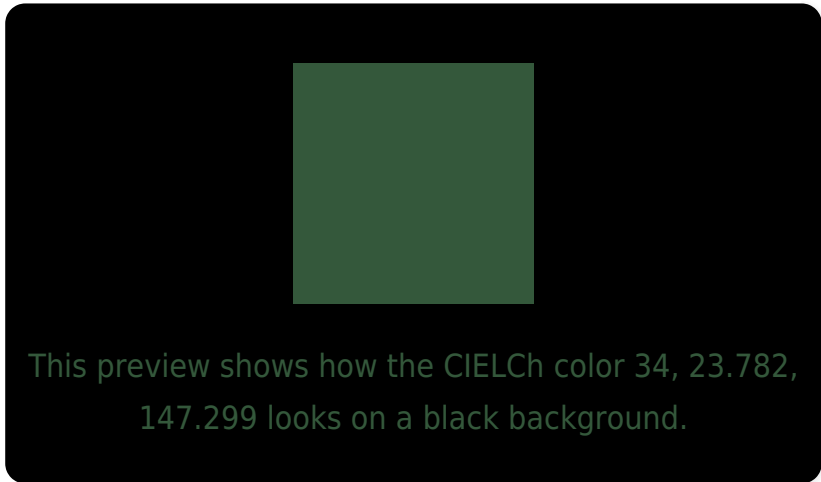
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

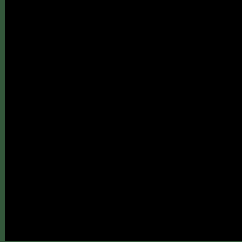
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 34, 23.782, 147.299

Background



This preview shows how black text looks on a background with the CIELCh color 34, 23.782, 147.299.

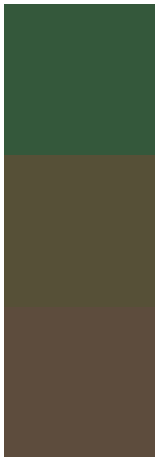


This preview shows how white text looks on a background with the CIELCh color 34, 23.782, 147.299.

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, 23.782, 147.299

Protanopia

34, 15.772, 96.937

Deuteranopia

34, 12.501, 68.170



Tritanopia
34, 10.322, 223.597

Trichromacy



Original Color
34, 23.782, 147.299

Protanomaly
34, 17.191, 121.410

Deuteranomaly
33, 12.482, 112.259

Tritanomaly
34, 12.312, 179.793

Monochromacy



Original Color
34, 23.782, 147.299

Achromatopsia
31, 0.005, 296.813

Achromatomaly
32, 8.543, 150.615

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 23.782, 147.299 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(52, 88, 59)` looks like.

```
.text, #text, p{  
    color:rgb(52, 88, 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(52, 88, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 88, 59) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 23.782, 147.299 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(52, 88, 59) }
```

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

```
.border{ border-color:rgb(52, 88, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 88, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 88, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 88, 59);  
box-shadow:4px 4px 4px 4px rgb(52, 88, 59)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 34, 23.782, 147.299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 88, 59) }
```

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

```
.background{ background-color: rgb(52, 88,  
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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