

Converting Colors

CIELCh(23, 34.304, 139.081)

Have a look what the booklet for
CIELCh(23, 34.304, 139.081)
contains.

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Color

CIELCh(23, 34.358, 139.053)

Conversions

Conversions Part 1

Format	Color
Hex	134013
RGB	19, 64, 19
RGB Percent	7%, 25%, 7%
CMY	0.9273, 0.7506, 0.9270
CMYK	0.71, 0.00, 0.71, 0.75
HSL	120°, 55%, 16%
HSV	120°, 71%, 25%
XYZ	2.1842, 3.8003, 1.2176
YIQ	45.4150, -12.3750, -23.5350

Conversions

Conversions Part 2

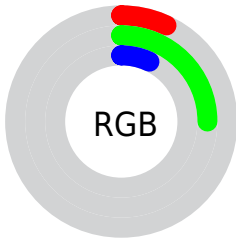
Format	Color
R_YB	19, 64, 64
Decimal	1261587
CIE _{Lab}	23.00, -25.95, 22.52
CIE _{LCh}	23, 34.358, 139.053
Yxy	3.8003, 0.3033, 0.5277
Android (android.graphics.Color)	4279451667 (0xFF134013)
YUV	45.4150, -13.0226, -23.1660
Hunter-Lab	19.4944, -14.1157, 9.9429

Details

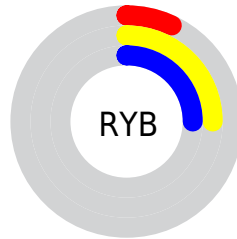
The CIELCh color **23, 34.358, 139.053** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **15, 33.944, 327.574**, and the grayscale version is **19, 0.003, 296.813**.

A 20% lighter version of the original color is **43, 34.339, 138.956**, and **4, 10.564, 144.443** is the 20% darker color. If you saturate the color by 10%, you get **23, 37.958, 138.074**, and if you desaturate by 10%, it is **23, 30.199, 140.050**.

Distribution



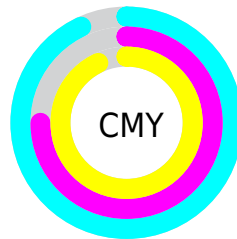
- Red (7%)
- Green (25%)
- Blue (7%)



- Red (7%)
- Yellow (25%)
- Blue (25%)



- Cyan (71%)
- Magenta (0%)
- Yellow (71%)
- Black (75%)





- Cyan (93%)
- Magenta (75%)
- Yellow (93%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 23, 34.358, 139.053 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 23, 34.358, 139.053 by changing the saturation by 10% instead.

 23, 34.358,
139.053


 23, 34.358,
139.053

 100, 34.358,
139.053


 13, 34.358,
139.053


 43, 34.358,
139.053


 3, 34.358, 139.053

 53, 34.358,
139.053

 0, 34.358, 139.053

 63, 34.358,
139.053

 73, 34.358,
139.053

 83, 34.358,
139.053

 93, 34.358,

139.053

■ 23, 34.358,
139.053

■ 23, 34.358,
139.053

■ 23, 37.958,
138.074

■ 23, 30.199,
140.050

■ 23, 40.954,
137.326

■ 24, 25.628,
141.003

■ 22, 43.698,
136.830

■ 24, 20.776,
141.877

■ 25, 15.751,
142.660

■ 25, 10.641,
143.350

■ 26, 5.517, 143.958

■ 27, 0.432, 144.720

■ 28, 4.575, 324.876

■ 29, 9.477, 325.274

Harmonies

Complementary

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



23, 34.358, 139.053



15, 33.944, 327.574

Rectangle

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



23, 34.358, 139.053



23, 34.358, 189.053



23, 34.358, 319.053



23, 34.358, 9.053

Sweetspot

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



23, 34.358, 139.054



33, 13.186, 143.284



26, 27.569, 104.485



15, 8.774, 143.229



69, 0.009, 296.813



16, 0.003, 296.813

Same Dimension

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



23, 34.358, 139.054



30, 47.550, 137.388



23, 23.602, 156.573



11, 2.725, 144.100



34, 57.823, 136.052



77, 107.783, 136.029

Inverse Universe

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



15, 33.944, 327.574



19, 46.418, 328.025



14, 24.901, 351.034



10, 2.731, 324.869



21, 55.757, 328.308



53, 103.859, 328.314

Previews

White Background



This preview shows how the CIE LCh color 23, 34.358, 139.053 looks on a white background.

Color Contrast Check

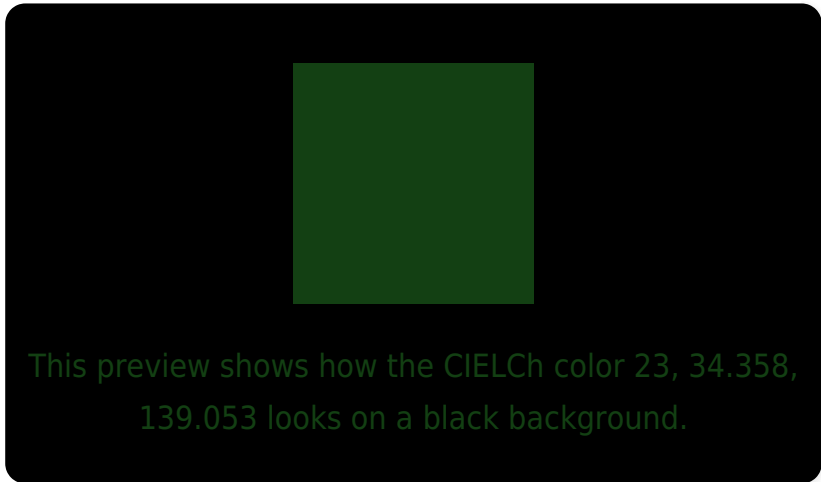
Large Text (above 18pt) WCAG AA ✓ Pass

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

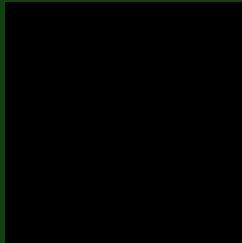
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 23, 34.358, 139.053

Background



This preview shows how black text looks on a background with the CIELCh color 23, 34.358, 139.053.



This preview shows how white text looks on a background with the CIELCh color 23, 34.358, 139.053.

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

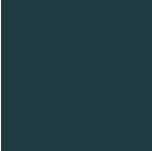
23, 34.358, 139.053

Protanopia

23, 24.885, 95.806

Deuteranopia

23, 21.041, 81.374



Tritanopia
23, 11.024, 215.480

Trichromacy



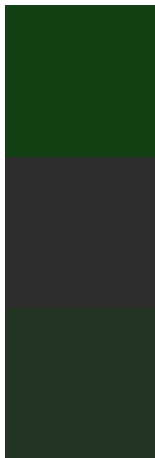
Original Color
23, 34.358, 139.053

Protanomaly
22, 26.370, 118.269

Deuteranomaly
22, 22.554, 113.200

Tritanomaly
23, 17.410, 164.001

Monochromacy



Original Color
23, 34.358, 139.053

Achromatopsia
18, 0.003, 296.813

Achromatomaly
20, 14.110, 142.565

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 23, 34.358, 139.053 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(19, 64, 19)` looks like.

```
.text, #text, p{  
    color:rgb(19, 64, 19)  
}
```

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(19, 64, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 64, 19) }
```

Border

The CSS property to change the border of an element to CIELCh 23, 34.358, 139.053 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(19, 64, 19) }
```

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

```
.border{ border-color:rgb(19, 64, 19) }
```

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

Here you see how a box with a 4 pixel rgb(19, 64, 19) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 64, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 64, 19);  
box-shadow:4px 4px 4px 4px rgb(19, 64, 19)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 23, 34.358, 139.053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 64, 19) }
```

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

```
.background{ background-color: rgb(19, 64,  
19) }
```

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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