

Converting Colors

CIELCh(23, 36.637, 144.243)

Have a look what the booklet for
CIELCh(23, 36.637, 144.243)
contains.

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Color

CIELCh(23, 37.041, 143.946)

Conversions

Conversions Part 1

Format	Color
Hex	014114
RGB	1, 65, 20
RGB Percent	0%, 25%, 8%
CMY	0.9975, 0.7463, 0.9226
CMYK	0.99, 0.00, 0.70, 0.75
HSL	138°, 98%, 13%
HSV	138°, 99%, 25%
XYZ	2.0052, 3.8003, 1.2771
YIQ	40.7340, -23.6990, -27.5630

Conversions

Conversions Part 2

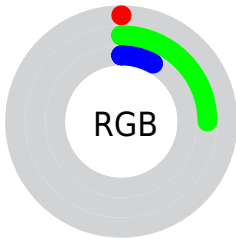
Format	Color
R_{YB}	1, 50, 65
Decimal	82196
CIE _{Lab}	23.00, -29.95, 21.80
CIE _{LCh}	23, 37.041, 143.946
Yxy	3.8003, 0.2831, 0.5366
Android (android.graphics.Color)	4278272276 (0xFF014114)
YUV	40.7340, -10.2219, -34.8467
Hunter-Lab	19.4944, -15.7550, 9.7620

Details

The CIELCh color **23, 37.041, 143.946** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **11, 35.133, 342.191**, and the grayscale version is **16, 0.003, 296.813**.

A 20% lighter version of the original color is **43, 37.297, 143.604**, and **4, 10.564, 144.443** is the 20% darker color. If you saturate the color by 10%, you get **23, 37.321, 143.850**, and if you desaturate by 10%, it is **23, 34.138, 145.124**.

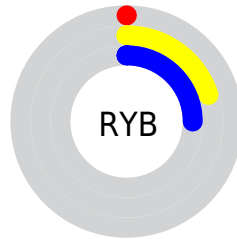
Distribution



Red (0%)

Green (25%)

Blue (8%)



Red (0%)

Yellow (20%)

Blue (25%)

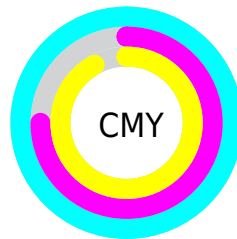


Cyan (99%)

Magenta (0%)

Yellow (70%)

Black (75%)



Cyan (100%)


Magenta (75%)


Yellow (92%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 23, 37.041, 143.946 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, 37.041, 143.946 by changing the saturation by 10% instead.

 23, 37.041,
143.946


 23, 37.041,
143.946

 100, 37.041,
143.946


 13, 37.041,
143.946


 43, 37.041,
143.946


 3, 37.041, 143.946

 53, 37.041,
143.946

 0, 37.041, 143.946

 63, 37.041,
143.946

 73, 37.041,
143.946

 83, 37.041,
143.946

 93, 37.041,

143.946

■ 23, 37.041,
143.946

■ 23, 37.041,
143.946

■ 23, 37.321,
143.850

■ 23, 34.138,
145.124

■ 23, 31.117,
146.604

■ 24, 27.784,
148.000

■ 24, 24.160,
149.253

■ 24, 20.305,
150.366

■ 25, 16.280,
151.351

■ 25, 12.146,
152.223

■ 26, 7.957, 152.997

■ 27, 3.759, 153.698

Harmonies

Complementary

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



23, 37.041, 143.946



11, 35.133, 342.191

Rectangle

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



23, 37.041, 143.946



23, 37.041, 193.946



23, 37.041, 323.946



23, 37.041, 13.946

Sweetspot

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



23, 37.041, 143.946



33, 15.621, 152.034



25, 36.996, 117.743



16, 10.747, 151.880



70, 0.009, 296.813



18, 0.003, 296.813

Same Dimension

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



23, 37.041, 143.946



30, 45.513, 142.875



24, 22.864, 171.813



12, 2.366, 153.730



35, 50.675, 142.444



78, 97.008, 140.820

Inverse Universe

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



11, 35.133, 342.191



17, 41.895, 343.069



10, 31.960, 18.195



12, 2.377, 334.671



20, 46.032, 343.442



50, 83.715, 345.015

Previews

White Background



This preview shows how the CIELCh color 23, 37.041, 143.946 looks on a white background.

Color Contrast Check

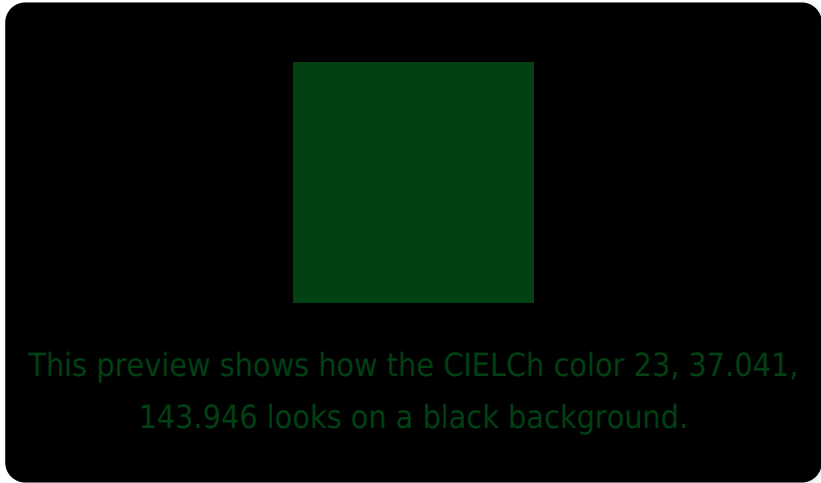
Large Text (above 18pt) WCAG AA ✓ Pass

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

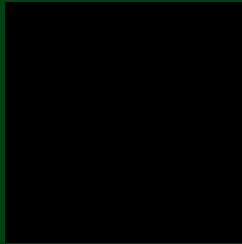
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 23, 37.041, 143.946

Background



This preview shows how black text looks on a background with the CIELCh color 23, 37.041, 143.946.



This preview shows how white text looks on a background with the CIELCh color 23, 37.041, 143.946.

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, 37.041, 143.946

Protanopia
23, 24.777, 97.143

Deuteranopia
23, 20.987, 81.480



Tritanopia
23, 12.664, 212.844

Trichromacy



Original Color
23, 37.041, 143.946

Protanomaly
22, 27.458, 125.118

Deuteranomaly
22, 23.352, 121.809

Tritanomaly
23, 19.362, 169.465

Monochromacy



Original Color
23, 37.041, 143.946

Achromatopsia
16, 0.003, 296.813

Achromatomaly
18, 15.379, 151.079

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 23, 37.041, 143.946 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(1, 65, 20)` looks like.

```
.text, #text, p{  
    color:rgb(1, 65, 20)  
}
```

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(1, 65, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 65, 20) }
```

Border

The CSS property to change the border of an element to CIELCh 23, 37.041, 143.946 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(1, 65, 20) }
```

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

```
.border{ border-color:rgb(1, 65, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 65, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 65, 20); -webkit-box-shadow:4px  
4px 4px 4px rgb(1, 65, 20); box-shadow:4px  
4px 4px 4px rgb(1, 65, 20) }
```

Background

The CSS property to change the background color of an element to CIELCh 23, 37.041, 143.946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 65, 20) }
```

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

```
.background{ background-color: rgb(1, 65,  
20) }
```

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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