

Converting Colors

CIELCh(23, 25.382, 125.419)

Have a look what the booklet for
CIELCh(23, 25.382, 125.419)
contains.

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Color

CIELCh(23, 24.993, 125.168)

Conversions

Conversions Part 1

Format	Color
Hex	2B3C17
RGB	43, 60, 23
RGB Percent	17%, 24%, 9%
CMY	0.8316, 0.7649, 0.9100
CMYK	0.28, 0.00, 0.62, 0.76
HSL	88°, 45%, 16%
HSV	88°, 62%, 24%
XYZ	2.7613, 3.8003, 1.3960
YIQ	50.6990, 1.7450, -15.1110

Conversions

Conversions Part 2

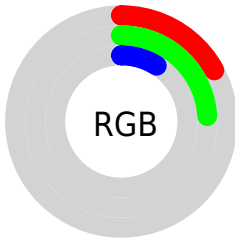
Format	Color
R_{YB}	23, 60, 40
Decimal	2833431
CIE _{Lab}	23.00, -14.40, 20.43
CIE _{LCh}	23, 24.993, 125.168
Yxy	3.8003, 0.3470, 0.4776
Android (android.graphics.Color)	4281023511 (0xFF2B3C17)
YUV	50.6990, -13.6556, -6.7520
Hunter-Lab	19.4944, -8.8311, 9.4002

Details

The CIELCh color **23, 24.993, 125.168** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **12, 27.298, 310.558**, and the grayscale version is **21, 0.004, 296.813**.

A 20% lighter version of the original color is **43, 24.763, 124.665**, and **4, 10.564, 144.443** is the 20% darker color. If you saturate the color by 10%, you get **23, 28.551, 124.929**, and if you desaturate by 10%, it is **23, 21.187, 125.513**.

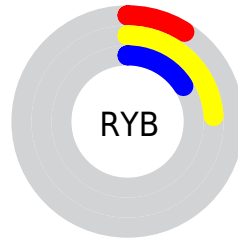
Distribution



Red (17%)

Green (24%)

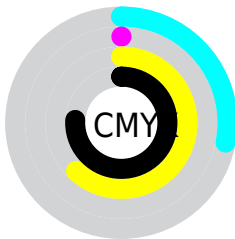
Blue (9%)



Red (9%)

Yellow (24%)

Blue (16%)

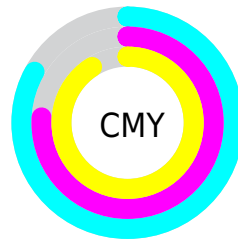


Cyan (28%)

Magenta (0%)

Yellow (62%)

Black (76%)



Cyan (83%)

Magenta (76%)

Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 23, 24.993, 125.168 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, 24.993, 125.168 by changing the saturation by 10% instead.

 23, 24.993,
125.168

 23, 24.993,
125.168

 100, 24.993,
125.168

 13, 24.993,
125.168


 43, 24.993,
125.168

 3, 24.993, 125.168

 53, 24.993,
125.168

 0, 24.993, 125.168

 63, 24.993,
125.168

 73, 24.993,
125.168

 83, 24.993,
125.168

 93, 24.993,

125.168

■ 23, 24.993,
125.168

■ 23, 24.993,
125.168

■ 23, 28.551,
124.929

■ 23, 21.187,
125.513

■ 22, 31.723,
124.885

■ 24, 17.216,
125.913

■ 22, 34.464,
125.127

■ 24, 13.144,
126.338

■ 22, 36.732,
125.285

■ 24, 9.015, 126.766

■ 25, 4.861, 127.187

■ 25, 0.707, 127.639

■ 26, 3.431, 307.937

■ 26, 7.538, 308.293

■ 27, 11.606,
308.617

Harmonies

Complementary

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



23, 24.993, 125.168



12, 27.298, 310.558

Rectangle

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



23, 24.993, 125.168



23, 24.993, 175.168



23, 24.993, 305.168



23, 24.993, 355.168

Sweetspot

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



23, 24.993, 125.169



33, 9.935, 126.843



18, 16.414, 63.759



16, 6.900, 126.792



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, 24.993, 125.169



30, 36.615, 124.862



22, 28.785, 139.023



11, 2.342, 127.323



36, 51.518, 125.554



80, 97.082, 126.839

Inverse Universe

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



12, 27.298, 310.558



14, 41.042, 311.237



15, 28.735, 325.658



10, 2.371, 307.967



12, 60.374, 311.756



34, 113.456, 310.883

Previews

White Background



This preview shows how the CIELCh color 23, 24.993, 125.168 looks on a white background.

Color Contrast Check

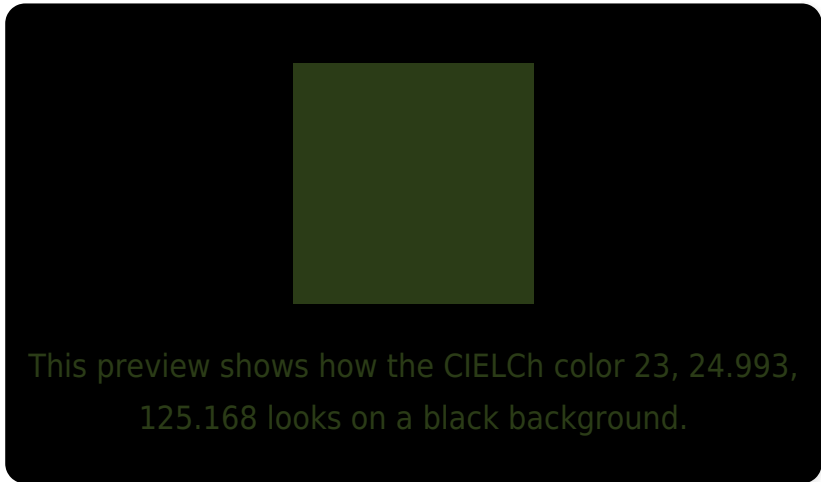
Large Text (above 18pt) WCAG AA ✓ Pass

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

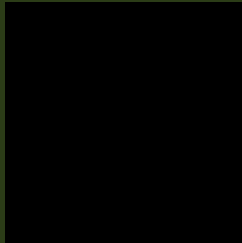
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 23, 24.993, 125.168

Background



This preview shows how black text looks on a background with the CIELCh color 23, 24.993, 125.168.



This preview shows how white text looks on a background with the CIELCh color 23, 24.993, 125.168.

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, 24.993, 125.168

Protanopia

23, 22.052, 96.816

Deuteranopia

23, 19.907, 80.326



Tritanopia
23, 4.714, 244.232

Trichromacy



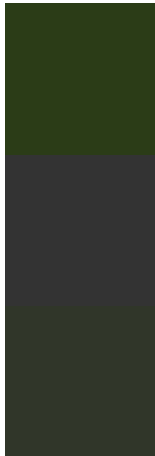
Original Color
23, 24.993, 125.168

Protanomaly
23, 22.345, 109.285

Deuteranomaly
23, 20.149, 99.562

Tritanomaly
23, 8.442, 145.946

Monochromacy



Original Color
23, 24.993, 125.168

Achromatopsia
21, 0.004, 296.813

Achromatomaly
22, 9.158, 126.760

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 23, 24.993, 125.168 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(43, 60, 23)` looks like.

```
.text, #text, p{  
    color:rgb(43, 60, 23)  
}
```

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(43, 60, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 60, 23) }
```

Border

The CSS property to change the border of an element to CIELCh 23, 24.993, 125.168 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(43, 60, 23) }
```

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

```
.border{ border-color:rgb(43, 60, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 60, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 60, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 60, 23);  
box-shadow:4px 4px 4px 4px rgb(43, 60, 23)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 23, 24.993, 125.168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 60, 23) }
```

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

```
.background{ background-color: rgb(43, 60,  
23) }
```

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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