

Converting Colors

CIELCh(24, 23.801, 155.993)

Have a look what the booklet for
CIELCh(24, 23.801, 155.993)
contains.

CIELCh(24, 23.794, 156.201)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(24, 23.794, 156.201)

Conversions

Conversions Part 1

Format	Color
Hex	14412A
RGB	20, 65, 42
RGB Percent	8%, 25%, 16%
CMY	0.9214, 0.7450, 0.8352
CMYK	0.69, 0.00, 0.35, 0.74
HSL	149°, 53%, 17%
HSV	149°, 69%, 26%
XYZ	2.5994, 4.1002, 2.8473
YIQ	48.9230, -19.4370, -16.6930

Conversions

Conversions Part 2

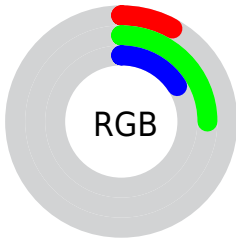
Format	Color
RYB	20, 50, 65
Decimal	1327402
CIELab	24.00, -21.77, 9.60
CIELCh	24, 23.794, 156.201
Yxy	4.1002, 0.2723, 0.4295
Android (android.graphics.Color)	4279517482 (0xFF14412A)
YUV	48.9230, -3.4130, -25.3655
Hunter-Lab	20.2490, -12.5212, 5.8371

Details

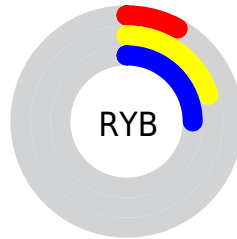
The CIELCh color **24, 23.794, 156.201** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **14, 25.000, 350.076**, and the grayscale version is **20, 0.004, 296.813**.

A 20% lighter version of the original color is **44, 23.844, 156.173**, and **5, 13.016, 144.443** is the 20% darker color. If you saturate the color by 10%, you get **24, 26.561, 154.713**, and if you desaturate by 10%, it is **24, 20.770, 157.534**.

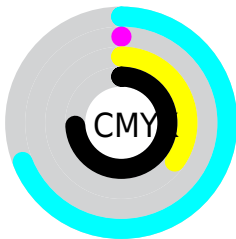
Distribution



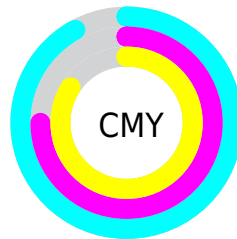
- Red (8%)
- Green (25%)
- Blue (16%)



- Red (8%)
- Yellow (20%)
- Blue (25%)



- Cyan (69%)
- Magenta (0%)
- Yellow (35%)
- Black (74%)




- Cyan (92%)
- Magenta (75%)
- Yellow (84%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 24, 23.794, 156.201 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 24, 23.794, 156.201 by changing the saturation by 10% instead.

 24, 23.794,
156.201


 24, 23.794,
156.201

 100, 23.794,
156.201


 14, 23.794,
156.201


 44, 23.794,
156.201


 4, 23.794, 156.201

 54, 23.794,
156.201

 0, 23.794, 156.201

 64, 23.794,
156.201

 74, 23.794,
156.201

 84, 23.794,
156.201

 94, 23.794,

156.201

■ 24, 23.794,
156.201

■ 24, 23.794,
156.201

■ 24, 26.561,
154.713

■ 24, 20.770,
157.534

■ 24, 29.077,
153.115

■ 25, 17.531,
158.726

■ 23, 31.576,
151.762

■ 25, 14.122,
159.795

■ 23, 31.778,
151.665

■ 26, 10.592,
160.756

■ 26, 6.986, 161.630

■ 27, 3.346, 162.443

■ 28, 0.296, 342.494

■ 28, 3.911, 343.720

■ 29, 7.477, 344.352

Harmonies

Complementary

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



24, 23.794, 156.201



14, 25.000, 350.076

Rectangle

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



24, 23.794, 156.201



24, 23.794, 206.201



24, 23.794, 336.201



24, 23.794, 26.201

Sweetspot

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



24, 23.794, 156.201



34, 9.467, 161.403



25, 29.768, 125.823



17, 6.462, 161.310



70, 0.009, 296.813



18, 0.003, 296.813

Same Dimension

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



24, 23.794, 156.201



31, 33.773, 153.525



25, 15.796, 195.022



12, 2.057, 162.496



35, 42.949, 150.147



79, 82.316, 148.275

Inverse Universe

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



14, 25.000, 350.076



18, 34.749, 353.309



14, 24.519, 26.481



12, 2.078, 343.609



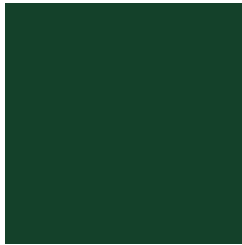
19, 42.095, 358.198



48, 77.009, 1.521

Previews

White Background



This preview shows how the CIELCh color 24, 23.794, 156.201 looks on a white background.

Color Contrast Check

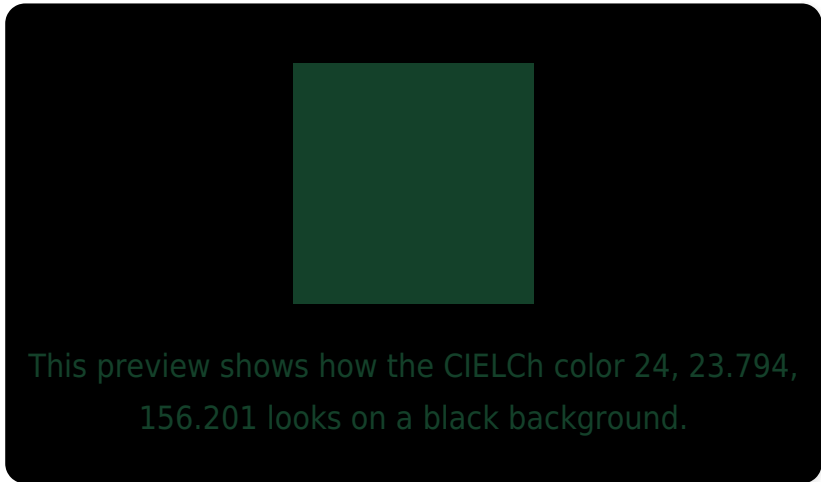
Large Text (above 18pt) WCAG AA ✓ Pass

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 24, 23.794, 156.201

Background



This preview shows how black text looks on a background with the CIELCh color 24, 23.794, 156.201.



This preview shows how white text looks on a background with the CIELCh color 24, 23.794, 156.201.

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

24, 23.794, 156.201

Protanopia

24, 12.089, 95.501

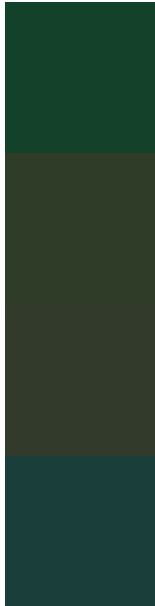
Deuteranopia

24, 9.494, 69.374



Tritanopia
24, 12.433, 213.117

Trichromacy



Original Color
24, 23.794, 156.201

Protanomaly
24, 14.541, 132.802

Deuteranomaly
24, 11.392, 130.179

Tritanomaly
24, 14.727, 183.800

Monochromacy



Original Color
24, 23.794, 156.201

Achromatopsia
20, 0.004, 296.813

Achromatomaly
21, 9.880, 159.764

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 24, 23.794, 156.201 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(20, 65, 42)` looks like.

```
.text, #text, p{  
    color:rgb(20, 65, 42)  
}
```

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(20, 65, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 65, 42) }
```

Border

The CSS property to change the border of an element to CIELCh 24, 23.794, 156.201 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(20, 65, 42) }
```

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

```
.border{ border-color:rgb(20, 65, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(20, 65, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 65, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 65, 42);  
box-shadow:4px 4px 4px 4px rgb(20, 65, 42)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 24, 23.794, 156.201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 65, 42) }
```

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

```
.background{ background-color: rgb(20, 65,  
42) }
```

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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