

Converting Colors

CIELCh(22, 25.430, 156.178)

Have a look what the booklet for
CIELCh(22, 25.430, 156.178)
contains.

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Color

CIELCh(22, 25.327, 156.272)

Conversions

Conversions Part 1

Format	Color
Hex	0A3D25
RGB	10, 61, 37
RGB Percent	4%, 24%, 15%
CMY	0.9617, 0.7614, 0.8555
CMYK	0.84, 0.00, 0.39, 0.76
HSL	152°, 72%, 14%
HSV	152°, 84%, 24%
XYZ	2.1137, 3.5154, 2.3049
YIQ	43.0150, -22.6920, -18.2760

Conversions

Conversions Part 2

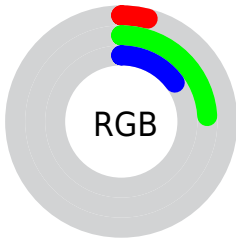
Format	Color
RYB	10, 43, 61
Decimal	671013
CIELab	22.00, -23.19, 10.19
CIElCh	22, 25.327, 156.272
Yxy	3.5154, 0.2664, 0.4431
Android (android.graphics.Color)	4278861093 (0xFF0A3D25)
YUV	43.0150, -2.9654, -28.9542
Hunter-Lab	18.7494, -12.6882, 5.8360

Details

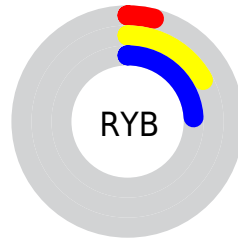
The CIELCh color **22, 25.327, 156.272** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **11, 26.860, 355.562**, and the grayscale version is **17, 0.003, 296.813**.

A 20% lighter version of the original color is **42, 25.172, 156.420**, and **3, 7.124, 144.443** is the 20% darker color. If you saturate the color by 10%, you get **22, 27.618, 154.839**, and if you desaturate by 10%, it is **22, 22.941, 157.805**.

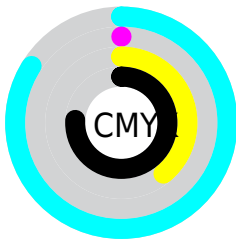
Distribution



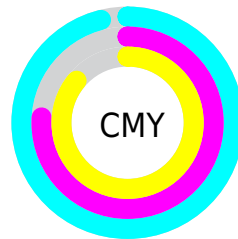
- Red (4%)
- Green (24%)
- Blue (15%)



- Red (4%)
- Yellow (17%)
- Blue (24%)



- Cyan (84%)
- Magenta (0%)
- Yellow (39%)
- Black (76%)





- Cyan (96%)
- Magenta (76%)
- Yellow (86%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 22, 25.327, 156.272 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 22, 25.327, 156.272 by changing the saturation by 10% instead.

 22, 25.327,
156.272


 22, 25.327,
156.272

 100, 25.327,
156.272


 12, 25.327,
156.272


 42, 25.327,
156.272


 2, 25.327, 156.272

 52, 25.327,
156.272

 0, 25.327, 156.272

 62, 25.327,
156.272

 72, 25.327,
156.272

 82, 25.327,
156.272

 92, 25.327,

156.272

■ 22, 25.327,
156.272

■ 22, 25.327,
156.272

■ 22, 27.618,
154.839

■ 22, 22.941,
157.805

■ 22, 29.028,
154.110

■ 23, 20.304,
159.185

■ 23, 17.448,
160.424

■ 23, 14.414,
161.538

■ 24, 11.243,
162.545

■ 24, 7.977, 163.461

■ 25, 4.656, 164.307

■ 25, 1.313, 165.166

■ 26, 2.025, 345.642

Harmonies

Complementary

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



22, 25.327, 156.272



11, 26.860, 355.562

Rectangle

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



22, 25.327, 156.272



22, 25.327, 206.272



22, 25.327, 336.272



22, 25.327, 26.272

Sweetspot

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



22, 25.327, 156.272



32, 10.355, 163.267



23, 33.276, 126.946



15, 7.125, 163.147



69, 0.009, 296.813



16, 0.003, 296.813

Same Dimension

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



22, 25.327, 156.272



29, 35.290, 152.995



22, 16.209, 198.709



11, 1.864, 164.758



35, 40.343, 152.370



78, 78.111, 150.417

Inverse Universe

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



11, 26.860, 355.562



14, 36.357, 0.537



11, 27.414, 27.904



10, 1.886, 345.872



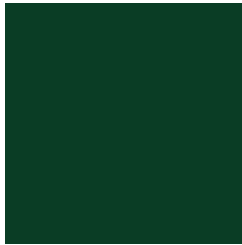
18, 40.971, 1.684



48, 76.009, 5.509

Previews

White Background



This preview shows how the CIELCh color 22, 25.327, 156.272 looks on a white background.

Color Contrast Check

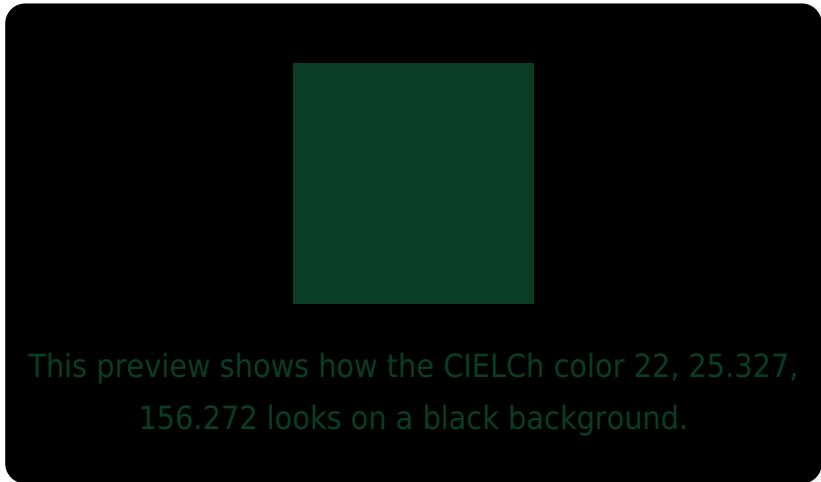
Large Text (above 18pt) WCAG AA ✓ Pass

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

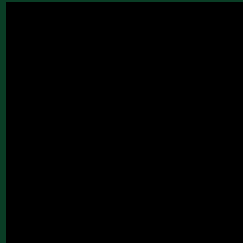
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 22, 25.327, 156.272

Background



This preview shows how black text looks on a background with the CIELCh color 22, 25.327, 156.272.



This preview shows how white text looks on a background with the CIELCh color 22, 25.327, 156.272.

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](#).

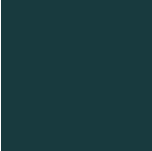
Dichromacy



Original Color
22, 25.327, 156.272

Protanopia
22, 12.862, 95.689

Deuteranopia
22, 9.857, 73.634



Tritanopia
22, 12.600, 209.762

Trichromacy



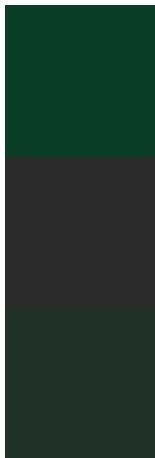
Original Color
22, 25.327, 156.272

Protanomaly
22, 15.955, 136.025

Deuteranomaly
22, 12.747, 134.683

Tritanomaly
22, 15.721, 181.678

Monochromacy



Original Color
22, 25.327, 156.272

Achromatopsia
18, 0.003, 296.813

Achromatomaly
19, 9.937, 163.835

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 22, 25.327, 156.272 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(10, 61, 37)` looks like.

```
.text, #text, p{  
    color:rgb(10, 61, 37)  
}
```

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(10, 61, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 61, 37) }
```

Border

The CSS property to change the border of an element to CIELCh 22, 25.327, 156.272 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(10, 61, 37) }
```

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

```
.border{ border-color:rgb(10, 61, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(10, 61, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 61, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 61, 37);  
box-shadow:4px 4px 4px 4px rgb(10, 61, 37)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 22, 25.327, 156.272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 61, 37) }
```

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

```
.background{ background-color: rgb(10, 61,  
37) }
```

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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