

Converting Colors

CIELCh(25, 36.391, 138.813)

Have a look what the booklet for
CIELCh(25, 36.391, 138.813)
contains.

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Color

CIELCh(25, 36.614, 138.564)

Conversions

Conversions Part 1

Format	Color
Hex	154514
RGB	21, 69, 20
RGB Percent	8%, 27%, 8%
CMY	0.9193, 0.7308, 0.9229
CMYK	0.70, 0.00, 0.71, 0.73
HSL	119°, 55%, 17%
HSV	119°, 71%, 27%
XYZ	2.5292, 4.4155, 1.3648
YIQ	49.0620, -12.8790, -25.4150

Conversions

Conversions Part 2

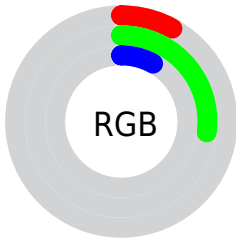
Format	Color
R_{YB}	20, 69, 68
Decimal	1393940
CIE _{Lab}	25.00, -27.45, 24.23
CIE _{LCh}	25, 36.614, 138.564
Yxy	4.4155, 0.3044, 0.5314
Android (android.graphics.Color)	4279584020 (0xFF154514)
YUV	49.0620, -14.3276, -24.6104
Hunter-Lab	21.0130, -15.2877, 10.8581

Details

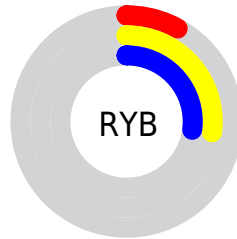
The CIELCh color **25, 36.614, 138.564** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **16, 36.223, 326.968**, and the grayscale version is **20, 0.004, 296.813**.

A 20% lighter version of the original color is **45, 36.625, 138.578**, and **7, 17.780, 144.443** is the 20% darker color. If you saturate the color by 10%, you get **25, 40.361, 137.644**, and if you desaturate by 10%, it is **25, 32.248, 139.525**.

Distribution



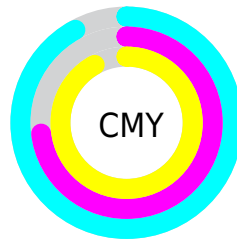
- Red (8%)
- Green (27%)
- Blue (8%)



- Red (8%)
- Yellow (27%)
- Blue (27%)



- Cyan (70%)
- Magenta (0%)
- Yellow (71%)
- Black (73%)





- Cyan (92%)
- Magenta (73%)
- Yellow (92%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 25, 36.614, 138.564 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 25, 36.614, 138.564 by changing the saturation by 10% instead.

 25, 36.614,
138.564


 25, 36.614,
138.564

 100, 36.614,
138.564


 15, 36.614,
138.564


 45, 36.614,
138.564


 5, 36.614, 138.564

 55, 36.614,
138.564

 0, 36.614, 138.564

 65, 36.614,
138.564

 75, 36.614,
138.564

 85, 36.614,
138.564

 95, 36.614,

138.564

■ 25, 36.614,
138.564

■ 25, 36.614,
138.564

■ 25, 40.361,
137.644

■ 25, 32.248,
139.525

■ 25, 43.481,
136.784

■ 26, 27.428,
140.456

■ 24, 46.169,
136.136

■ 26, 22.297,
141.318

■ 27, 16.975,
142.094

■ 27, 11.558,
142.780

■ 28, 6.122, 143.384

■ 29, 0.724, 144.043

■ 30, 4.593, 324.298

■ 31, 9.799, 324.695

Harmonies

Complementary

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



25, 36.614, 138.564



16, 36.223, 326.968

Rectangle

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



25, 36.614, 138.564



25, 36.614, 188.564



25, 36.614, 318.564



25, 36.614, 8.564

Sweetspot

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



25, 36.614, 138.565



36, 14.135, 142.748



28, 28.702, 102.746



18, 9.651, 142.669



71, 0.009, 296.813



19, 0.004, 296.813

Same Dimension

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



25, 36.614, 138.565



32, 51.185, 136.988



25, 26.013, 154.704



12, 2.907, 143.547



35, 58.827, 135.851



78, 108.658, 135.955

Inverse Universe

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



16, 36.223, 326.968



20, 50.026, 327.359



15, 27.036, 349.097



12, 2.913, 324.318



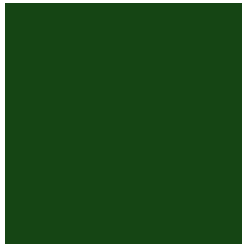
21, 56.931, 327.538



53, 105.012, 327.484

Previews

White Background



This preview shows how the CIELCh color 25, 36.614, 138.564 looks on a white background.

Color Contrast Check

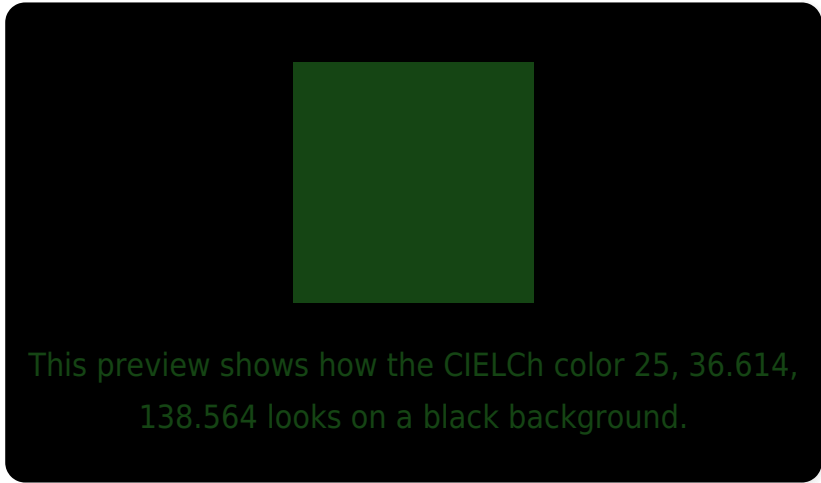
Large Text (above 18pt) WCAG AA ✓ Pass

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

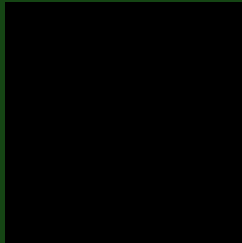
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 25, 36.614, 138.564

Background



This preview shows how black text looks on a background with the CIELCh color 25, 36.614, 138.564.



This preview shows how white text looks on a background with the CIELCh color 25, 36.614, 138.564.

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

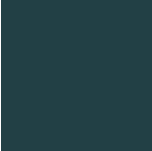
25, 36.614, 138.564

Protanopia

25, 26.470, 95.154

Deuteranopia

25, 23.001, 80.679



Tritanopia
25, 11.620, 214.296

Trichromacy



Original Color
25, 36.614, 138.564

Protanomaly
25, 28.419, 118.061

Deuteranomaly
24, 24.629, 112.276

Tritanomaly
25, 18.274, 163.737

Monochromacy



Original Color
25, 36.614, 138.564

Achromatopsia
20, 0.004, 296.813

Achromatomaly
22, 14.503, 141.223

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 25, 36.614, 138.564 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(21, 69, 20)` looks like.

```
.text, #text, p{  
    color:rgb(21, 69, 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(21, 69, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 69, 20) }
```

Border

The CSS property to change the border of an element to CIELCh 25, 36.614, 138.564 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(21, 69, 20) }
```

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

```
.border{ border-color:rgb(21, 69, 20) }
```

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

Here you see how a box with a 4 pixel rgb(21, 69, 20) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 69, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 69, 20);  
box-shadow:4px 4px 4px 4px rgb(21, 69, 20)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 25, 36.614, 138.564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 69, 20) }
```

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

```
.background{ background-color: rgb(21, 69,  
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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