

Converting Colors

CIELCh(25, 24.516, 107.375)

Have a look what the booklet for
CIELCh(25, 24.516, 107.375)
contains.

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Color

CIELCh(25, 24.960, 107.342)

Conversions

Conversions Part 1

Format	Color
Hex	3C3E16
RGB	60, 62, 22
RGB Percent	24%, 24%, 9%
CMY	0.7661, 0.7582, 0.9150
CMYK	0.03, 0.00, 0.65, 0.76
HSL	63°, 48%, 16%
HSV	63°, 65%, 24%
XYZ	3.6887, 4.4155, 1.4009
YIQ	56.8420, 11.6480, -12.8640

Conversions

Conversions Part 2

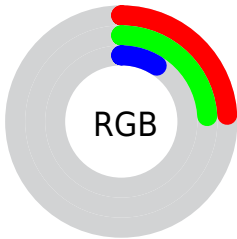
Format	Color
R_{YB}	22, 62, 24
Decimal	3948054
CIE Lab	25.00, -7.44, 23.83
CIE LCh	25, 24.960, 107.342
Yxy	4.4155, 0.3881, 0.4645
Android (android.graphics.Color)	4282138134 (0xFF3C3E16)
YUV	56.8420, -17.1771, 2.7696
Hunter-Lab	21.0130, -5.4380, 10.7565

Details

The CIELCh color **25, 24.960, 107.342** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **10, 29.347, 299.922**, and the grayscale version is **24, 0.004, 296.813**.

A 20% lighter version of the original color is **45, 24.516, 106.674**, and **5, 10.017, 131.344** is the 20% darker color. If you saturate the color by 10%, you get **25, 28.137, 106.773**, and if you desaturate by 10%, it is **25, 21.466, 108.003**.

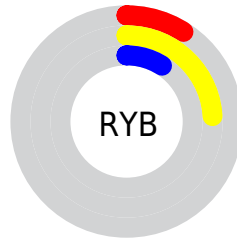
Distribution



 Red (24%)

 Green (24%)

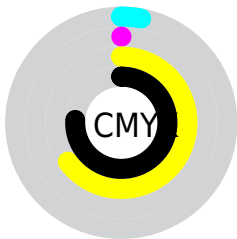
 Blue (9%)



 Red (9%)

 Yellow (24%)

 Blue (9%)

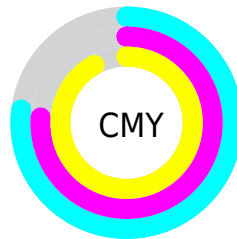


 Cyan (3%)

 Magenta (0%)

 Yellow (65%)

 Black (76%)



 Cyan (77%)


 Magenta (76%)


 Yellow (92%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 25, 24.960, 107.342 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, 24.960, 107.342 by changing the saturation by 10% instead.

 25, 24.960,
107.342


 25, 24.960,
107.342

 100, 24.960,
107.342

 15, 24.960,
107.342


 45, 24.960,
107.342


 5, 24.960, 107.342

 55, 24.960,
107.342

 0, 24.960, 107.342

 65, 24.960,
107.342

 75, 24.960,
107.342

 85, 24.960,
107.342

 95, 24.960,

107.342

■ 25, 24.960,
107.342

■ 25, 24.960,
107.342

■ 25, 28.137,
106.773

■ 25, 21.466,
108.003

■ 25, 30.859,
106.327

■ 25, 17.756,
108.721

■ 25, 33.338,
105.994

■ 25, 13.905,
109.474

■ 25, 34.619,
105.845

■ 26, 9.965, 110.245

■ 26, 5.972, 111.020

■ 26, 1.948, 111.784

■ 26, 2.087, 292.559

■ 26, 6.123, 293.288

■ 27, 10.151,
293.998

Harmonies

Complementary

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



25, 24.960, 107.342



10, 29.347, 299.922

Rectangle

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



25, 24.960, 107.342



25, 24.960, 157.342



25, 24.960, 287.342



25, 24.960, 337.342

Sweetspot

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



25, 24.960, 107.344



33, 9.392, 110.636



14, 21.169, 29.496



16, 6.521, 110.543



69, 0.009, 296.813



16, 0.003, 296.813

Same Dimension

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



25, 24.960, 107.344



32, 35.351, 106.466



23, 27.428, 128.260



11, 2.221, 111.514



38, 46.908, 105.766



85, 87.410, 105.998

Inverse Universe

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



10, 29.347, 299.922



10, 44.159, 302.699



12, 29.501, 313.419



10, 2.261, 292.843



8, 64.295, 306.600



28, 120.219, 306.406

Previews

White Background



This preview shows how the CIELCh color 25, 24.960, 107.342 looks on a white background.

Color Contrast Check

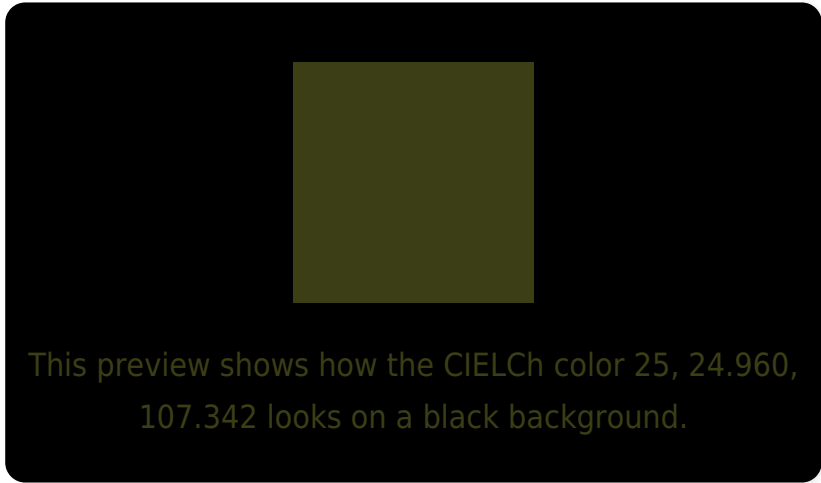
Large Text (above 18pt) WCAG AA ✓ Pass

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

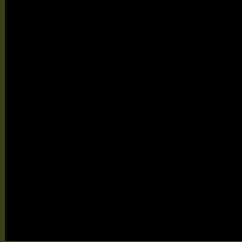
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

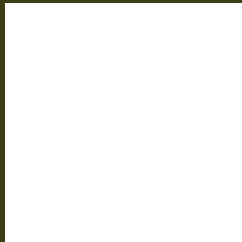
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 25, 24.960, 107.342

Background



This preview shows how black text looks on a background with the CIELCh color 25, 24.960, 107.342.



This preview shows how white text looks on a background with the CIELCh color 25, 24.960, 107.342.

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

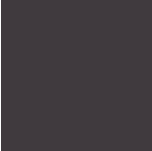
25, 24.960, 107.342

Protanopia

25, 24.257, 96.112

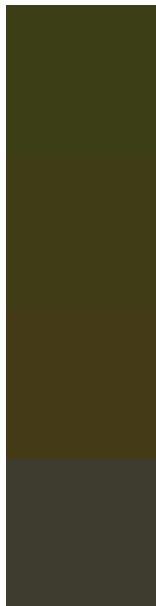
Deuteranopia

25, 23.546, 81.103



Tritanopia
25, 3.795, 336.201

Trichromacy



Original Color
25, 24.960, 107.342

Protanomaly
25, 24.553, 99.960

Deuteranomaly
25, 23.130, 90.549

Tritanomaly
25, 7.997, 97.971

Monochromacy



Original Color
25, 24.960, 107.342

Achromatopsia
24, 0.004, 296.813

Achromatomaly
24, 9.833, 110.910

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 25, 24.960, 107.342 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(60, 62, 22)` looks like.

```
.text, #text, p{  
    color:rgb(60, 62, 22)  
}
```

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(60, 62, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 62, 22) }
```

Border

The CSS property to change the border of an element to CIELCh 25, 24.960, 107.342 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(60, 62, 22) }
```

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

```
.border{ border-color:rgb(60, 62, 22) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 62, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 62, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 62, 22);  
box-shadow:4px 4px 4px 4px rgb(60, 62, 22)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 25, 24.960, 107.342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 62, 22) }
```

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

```
.background{ background-color: rgb(60, 62,  
22) }
```

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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