

Converting Colors

CIELCh(24, 40.335, 134.806)

Have a look what the booklet for
CIELCh(24, 40.335, 134.806)
contains.

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Color

CIELCh(24, 39.962, 134.918)

Conversions

Conversions Part 1

Format	Color
Hex	134208
RGB	19, 66, 8
RGB Percent	7%, 26%, 3%
CMY	0.9273, 0.7395, 0.9668
CMYK	0.72, 0.00, 0.87, 0.74
HSL	110°, 77%, 15%
HSV	110°, 87%, 26%
XYZ	2.2798, 4.1002, 0.9146
YIQ	45.3350, -9.3940, -28.0020

Conversions

Conversions Part 2

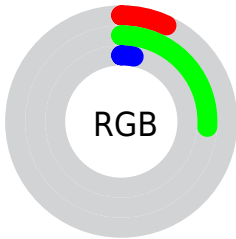
Format	Color
R_{YB}	8, 66, 55
Decimal	1262088
CIE _{Lab}	24.00, -28.22, 28.30
CIE _{LCh}	24, 39.962, 134.918
Yxy	4.1002, 0.3125, 0.5621
Android (android.graphics.Color)	4279452168 (0xFF134208)
YUV	45.3350, -18.4062, -23.0958
Hunter-Lab	20.2490, -15.3387, 11.4964

Details

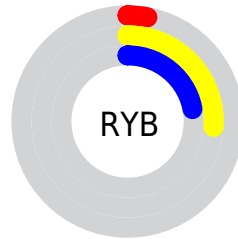
The CIELCh color **24, 39.962, 134.918** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **12, 40.286, 322.221**, and the grayscale version is **19, 0.003, 296.813**.

A 20% lighter version of the original color is **44, 40.318, 134.670**, and **5, 13.016, 144.443** is the 20% darker color. If you saturate the color by 10%, you get **24, 43.041, 134.405**, and if you desaturate by 10%, it is **24, 36.587, 135.342**.

Distribution



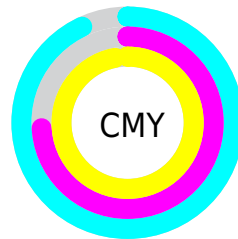
- Red (7%)
- Green (26%)
- Blue (3%)



- Red (3%)
- Yellow (26%)
- Blue (22%)



- Cyan (72%)
- Magenta (0%)
- Yellow (87%)
- Black (74%)





- Cyan (93%)
- Magenta (74%)
- Yellow (97%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 24, 39.962, 134.918 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, 39.962, 134.918 by changing the saturation by 10% instead.

 24, 39.962,
134.918


 24, 39.962,
134.918

 100, 39.962,
134.918


 14, 39.962,
134.918


 44, 39.962,
134.918

 4, 39.962, 134.918

 54, 39.962,
134.918

 0, 39.962, 134.918

 64, 39.962,
134.918

 74, 39.962,
134.918

 84, 39.962,
134.918

 94, 39.962,

134.918

■ 24, 39.962,
134.918

■ 24, 39.962,
134.918

■ 24, 43.041,
134.405

■ 24, 36.587,
135.342

■ 24, 43.867,
134.227

■ 25, 32.628,
135.903

■ 25, 28.232,
136.530

■ 25, 23.537,
137.168

■ 26, 18.652,
137.779

■ 26, 13.662,
138.346

■ 27, 8.630, 138.861

■ 28, 3.608, 139.332

■ 28, 1.370, 319.634

Harmonies

Complementary

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



24, 39.962, 134.918



12, 40.286, 322.221

Rectangle

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



24, 39.962, 134.918



24, 39.962, 184.918



24, 39.962, 314.918



24, 39.962, 4.918

Sweetspot

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



24, 39.962, 134.919



35, 16.266, 138.354



24, 29.129, 92.259



16, 10.853, 138.285



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, 39.962, 134.919



32, 53.281, 134.207



24, 33.820, 145.972



12, 2.767, 139.273



35, 57.671, 134.362



78, 107.334, 135.051

Inverse Universe

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



12, 40.286, 322.221



16, 53.378, 322.111



13, 32.636, 342.137



12, 2.780, 319.914



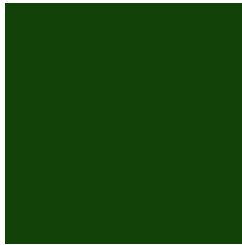
18, 57.678, 322.024



47, 106.559, 321.570

Previews

White Background



This preview shows how the CIELCh color 24, 39.962, 134.918 looks on a white background.

Color Contrast Check

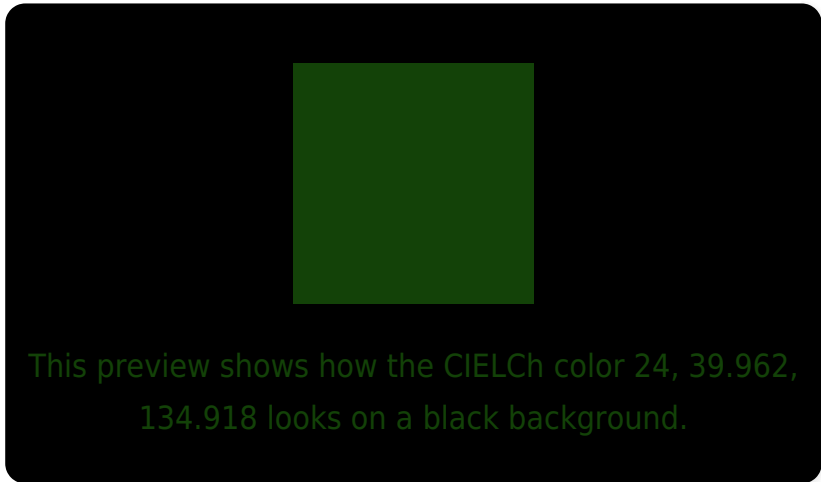
Large Text (above 18pt) WCAG AA ✓ Pass

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

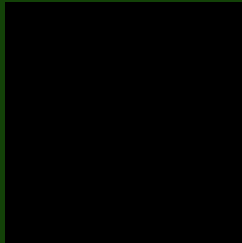
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 24, 39.962, 134.918

Background



This preview shows how black text looks on a background with the CIELCh color 24, 39.962, 134.918.



This preview shows how white text looks on a background with the CIELCh color 24, 39.962, 134.918.

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

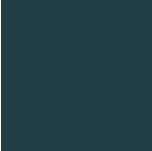
24, 39.804, 134.603

Protanopia

24, 30.793, 95.326

Deuteranopia

24, 26.253, 82.586



Tritanopia
24, 11.610, 214.373

Trichromacy



Original Color
24, 39.804, 134.603

Protanomaly
23, 32.073, 114.923

Deuteranomaly
23, 28.212, 110.603

Tritanomaly
24, 19.648, 159.001

Monochromacy



Original Color
24, 39.804, 134.603

Achromatopsia
19, 0.004, 296.813

Achromatomaly
20, 16.328, 137.274

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 24, 39.962, 134.918 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(19, 66, 8)` looks like.

```
.text, #text, p{  
    color:rgb(19, 66, 8)  
}
```

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(19, 66, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 66, 8) }
```

Border

The CSS property to change the border of an element to CIELCh 24, 39.962, 134.918 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(19, 66, 8) }
```

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

```
.border{ border-color:rgb(19, 66, 8) }
```

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

Here you see how a box with a 4 pixel `rgb(19, 66, 8)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 66, 8); -webkit-box-shadow:4px  
4px 4px 4px rgb(19, 66, 8); box-shadow:4px  
4px 4px 4px rgb(19, 66, 8) }
```

Background

The CSS property to change the background color of an element to CIELCh 24, 39.962, 134.918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 66, 8) }
```

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

```
.background{ background-color: rgb(19, 66,  
8) }
```

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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