

Converting Colors

CIELCh(78, 54.984, 79.801)

Have a look what the booklet for
CIELCh(78, 54.984, 79.801) contains.

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Color

CIELCh(78, 55.032, 79.942)

Conversions

Conversions Part 1

Format	Color
Hex	EEB85A
RGB	238, 184, 90
RGB Percent	93%, 72%, 35%
CMY	0.0666, 0.2783, 0.6470
CMYK	0.00, 0.23, 0.62, 0.07
HSL	38°, 81%, 64%
HSV	38°, 62%, 93%
XYZ	54.2616, 53.2120, 17.0894
YIQ	189.4300, 62.3580, -17.7860

Conversions

Conversions Part 2

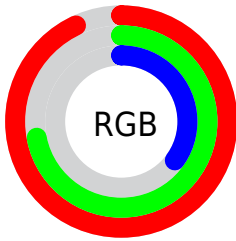
Format	Color
R _Y B	175, 238, 90
Decimal	15644762
CIE Lab	78.00, 9.61, 54.19
CIE LCh	78, 55.032, 79.942
Yxy	53.2120, 0.4356, 0.4272
Android (android.graphics.Color)	4293834842 (0xFFEEB85A)
YUV	189.4300, -49.0190, 42.5959
Hunter-Lab	72.9466, 5.1215, 37.1726

Details

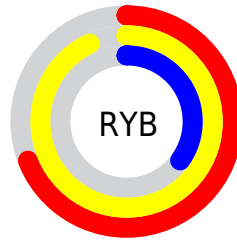
The CIELCh color **78, 55.032, 79.942** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **60, 53.791, 281.532**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 49.167, 99.185**, and **58, 55.287, 79.654** is the 20% darker color. If you saturate the color by 10%, you get **76, 63.508, 78.324**, and if you desaturate by 10%, it is **80, 46.038, 81.452**.

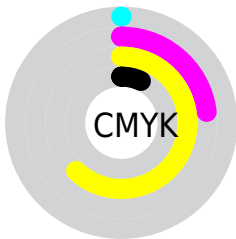
Distribution



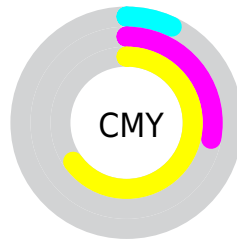
- Red (93%)
- Green (72%)
- Blue (35%)



- Red (69%)
- Yellow (93%)
- Blue (35%)



- Cyan (0%)
- Magenta (23%)
- Yellow (62%)
- Black (7%)



- Cyan (7%)
- Magenta (28%)
- Yellow (65%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 55.032, 79.942 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 78, 55.032, 79.942 by changing the saturation by 10% instead.

 78, 55.032, 79.942

 78, 55.032, 79.942

 100, 55.032,
79.942

 68, 55.032, 79.942

 98, 55.032, 79.942

 58, 55.032, 79.942

 48, 55.032, 79.942

 38, 55.032, 79.942

 28, 55.032, 79.942

 18, 55.032, 79.942

 8, 55.032, 79.942

 0, 55.032, 79.942

 78, 55.032, 79.942

 78, 55.032, 79.942

76, 63.508, 78.324

80, 46.038, 81.452

73, 70.801, 76.483

83, 36.911, 82.894

71, 75.968, 74.231

85, 27.854, 84.290

70, 78.352, 72.124

88, 18.962, 85.644

91, 10.276, 86.949

94, 1.807, 88.086

96, 5.677, 266.336

98, 5.358, 207.386

99, 5.831, 199.150

Harmonies

Complementary

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



78, 55.032, 79.942



60, 53.791, 281.532

Rectangle

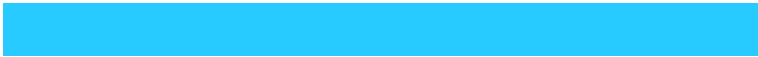
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78, 55.032, 79.942



78, 55.032, 129.942



78, 55.032, 259.942



78, 55.032, 309.942

Sweetspot

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



78, 55.032, 79.946



95, 17.109, 86.055



59, 61.515, 0.635



50, 11.819, 85.675



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



78, 55.032, 79.946



80, 69.465, 77.784



90, 71.889, 110.941



49, 4.804, 87.289



55, 64.475, 72.689



16, 24.182, 75.338

Inverse Universe

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



60, 53.791, 281.532



57, 69.420, 286.037



48, 85.959, 302.843



47, 4.786, 269.824



33, 72.550, 294.725



7, 26.928, 288.137

Previews

White Background



This preview shows how the CIELCh color 78, 55.032, 79.942 looks on a white 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

Black Background



This preview shows how the CIELCh color 78, 55.032, 79.942 looks on a black 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

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

CIELCh 78, 55.032, 79.942

Background



This preview shows how black text looks on a background with the CIELCh color 78, 55.032, 79.942.



This preview shows how white text looks on a background with the CIELCh color 78, 55.032, 79.942.

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

78, 55.032, 79.942

Protanopia

78, 52.428, 95.362

Deuteranopia

78, 55.247, 79.543



Tritanopia
78, 28.865, 7.203

Trichromacy



Original Color
78, 55.032, 79.942

Protanomaly
78, 52.923, 89.629

Deuteranomaly
78, 55.247, 79.543

Tritanomaly
78, 30.562, 46.811

Monochromacy



Original Color
78, 55.032, 79.942

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 19.915, 84.670

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 55.032, 79.942 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(238, 184, 90)` looks like.

```
.text, #text, p{  
    color:rgb(238, 184, 90)  
}
```

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(238, 184, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 184, 90) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 55.032, 79.942 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(238, 184, 90) }
```

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

```
.border{ border-color:rgb(238, 184, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 184, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 184, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 184, 90);  
box-shadow:4px 4px 4px 4px rgb(238, 184,  
90) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 55.032, 79.942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 184, 90) }
```

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

```
.background{ background-color: rgb(238,  
184, 90) }
```

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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